

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.

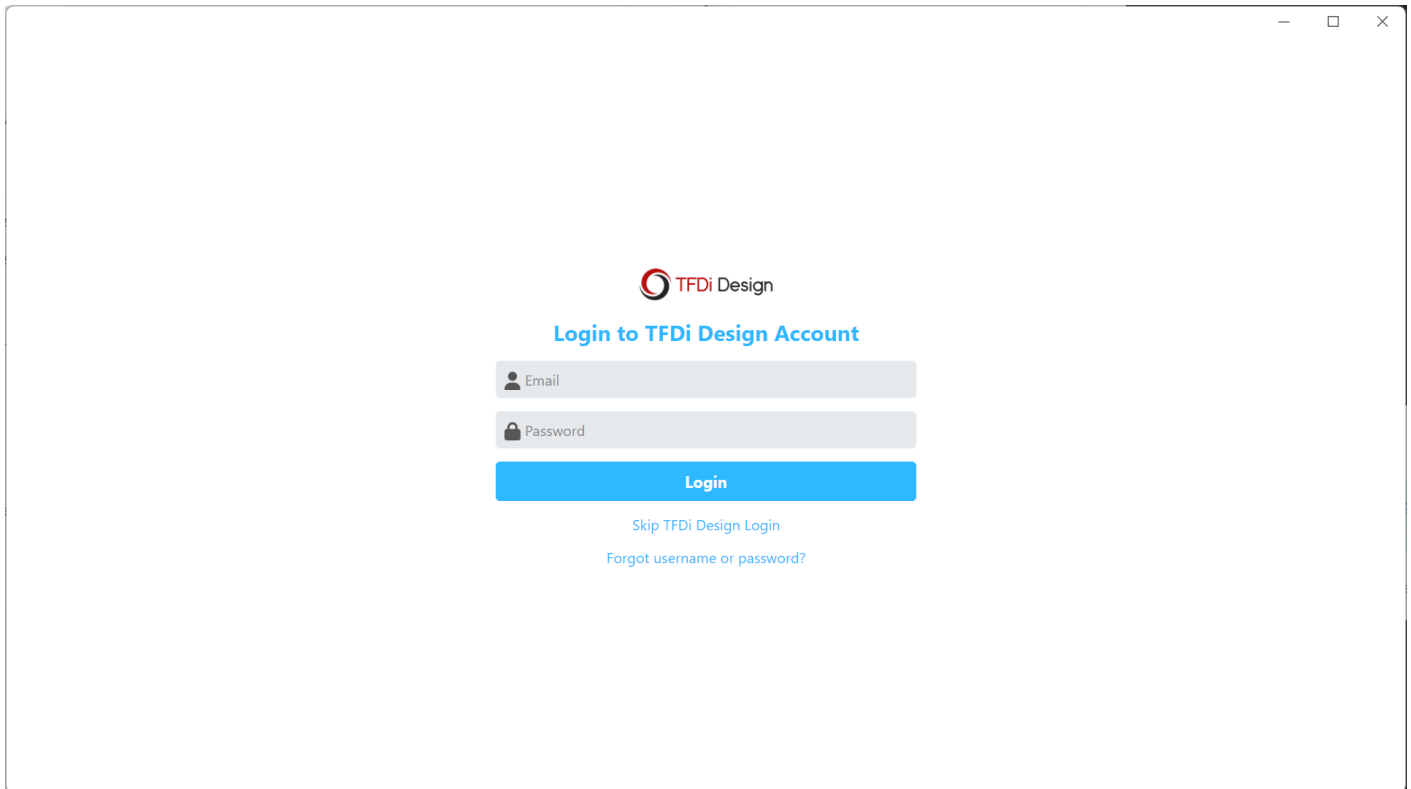
Note: Please consult the following resources for further information

- 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>



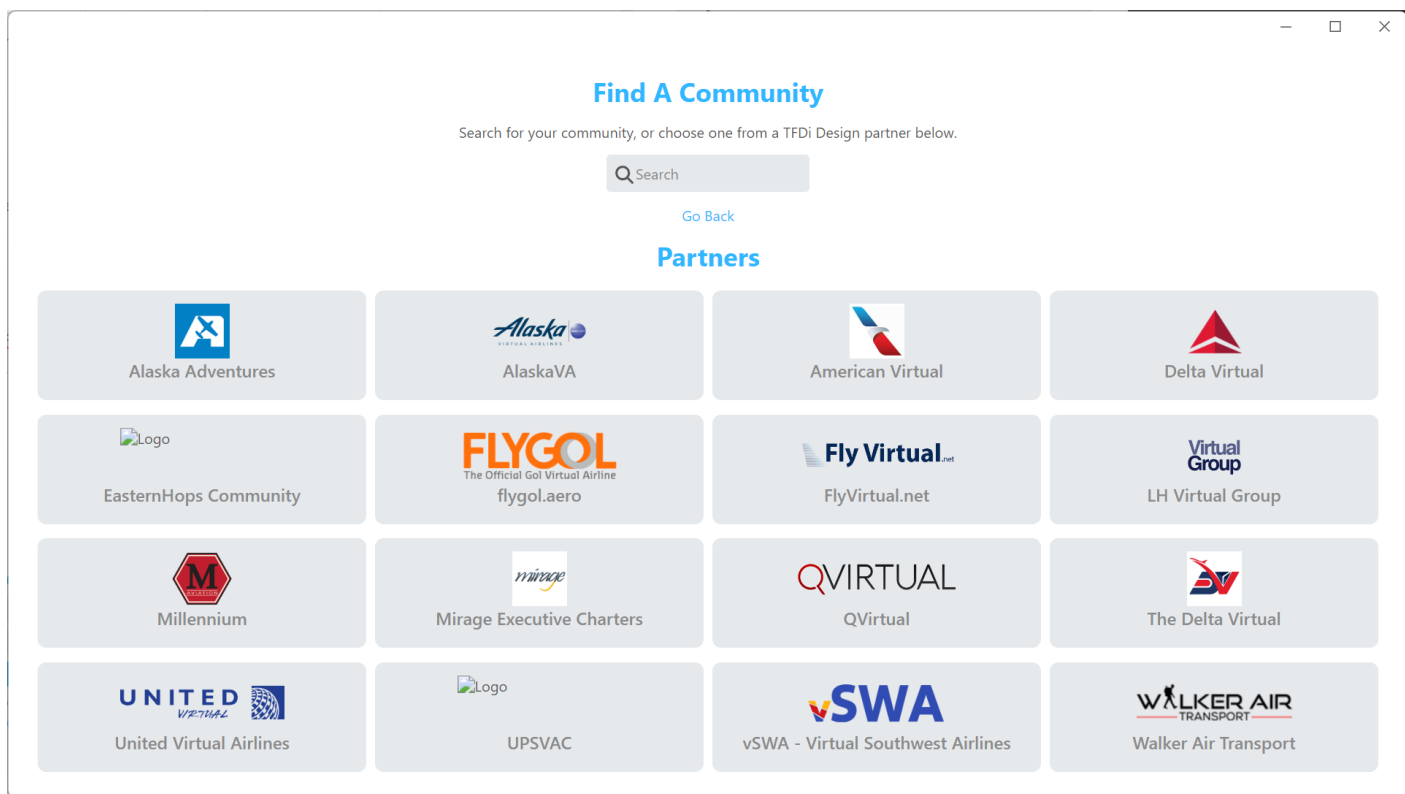
Logging into smartCARS 3

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

A screenshot of a web browser window displaying the TFDi Design login interface. At the top center is the TFDi Design logo, consisting of a red circular icon with a white 'G' and the text 'TFDi Design'. Below the logo is the heading 'Login to TFDi Design Account' in blue. There are two input fields: the first is labeled 'Email' with a person icon, and the second is labeled 'Password' with a lock icon. Below these fields is a blue 'Login' button. At the bottom of the login form, there are two links: 'Skip TFDi Design Login' and 'Forgot username or password?'. The browser window has standard macOS-style window controls (minimize, maximize, close) in the top right corner.

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.

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skyblueradio.com - Sky Blue Radio

Mobile

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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

[Switch Community](#) | [Log Out](#)

Notifications

Clear All

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

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.

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Mobile

?

Flight in progress: UVA11595 MMLO to KSJC

My Flights

Flight	Departure	Arrival	Time/Distance	Equipment	Actions
<div>UVA11595</div> <div>Charter Flight</div>	MMLO 00:10	KSJC 03:28	03h 18m 1450 nm	Airbus A220-100	

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.

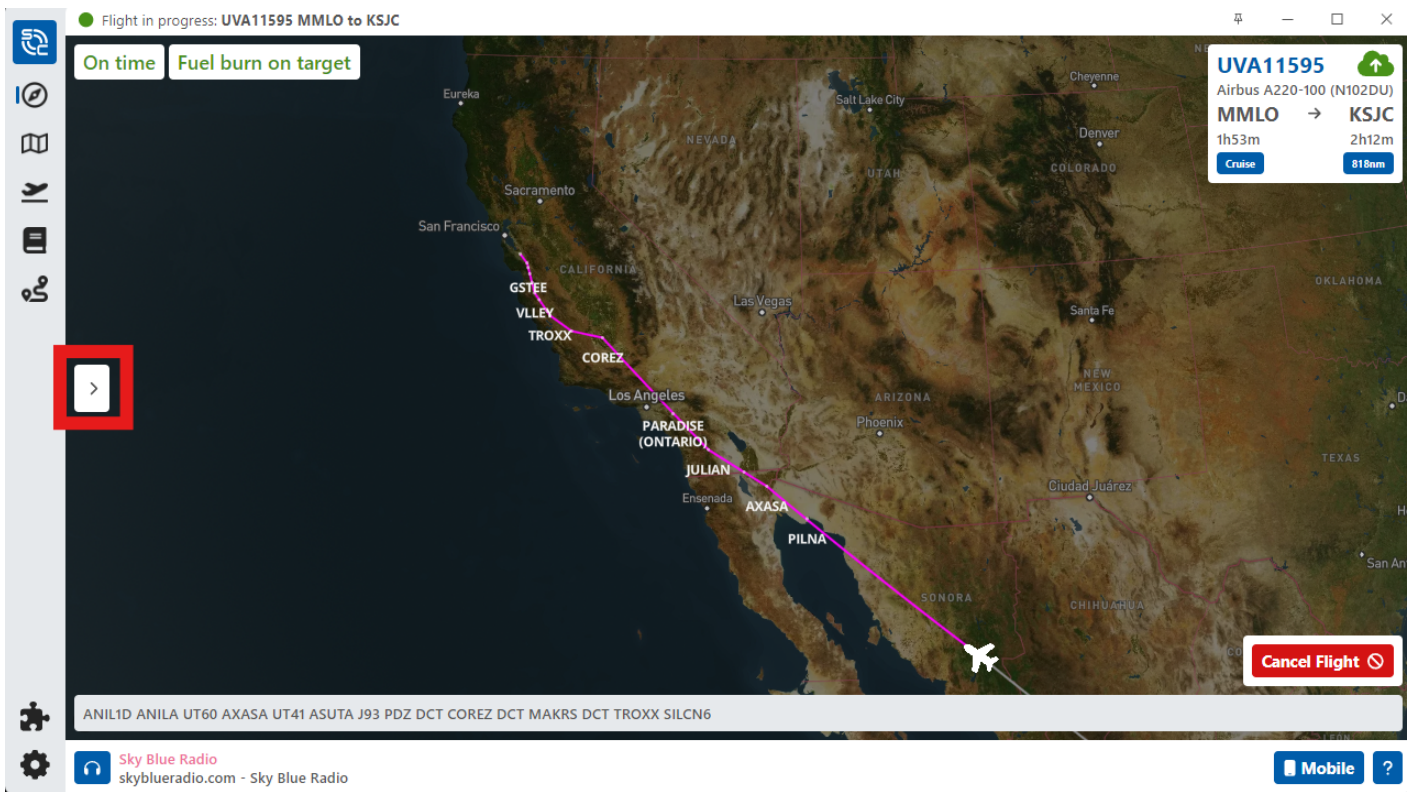
[Browse Plugins](#)

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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

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

Cancel Flight

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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



Flight in progress: **UVA11595 MMLO to KSJC**

Departure Airport

mm/dd/yyyy

Arrival Airport

mm/dd/yyyy

Any Aircraft

Any Status

Callsign

Departure

Arrival

Aircraft

Date

Status



UVA3744

MMUN

MMLO

Airbus A220-100

2025-03-19T11:30:07-04:00



UVA11569

KMFE

MMUN

Airbus A320-214

2025-03-18T22:04:07-04:00



EIN133

EIDW

KBOS

Airbus A330-302

2025-03-15T18:53:51-04:00



UVT3702

KDFW

KMIA

Boeing 737 MAX 8

2025-03-15T00:03:49-04:00



AAL1179

KORD

KSNA

Boeing 737 MAX 8

2025-03-14T20:44:07-04:00



AAL2920

KTPA

KORD

Boeing 737-823

2025-03-13T23:03:17-04:00



AAL2535

KDFW

KTPA

Airbus A321-231

2025-03-12T22:41:39-04:00



SWA298


KPHX



KOMA

Airbus A319-132

2025-03-12T11:53:43-04:00

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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

MMUN

MMLO

AcceptedFlight2025-03-19T11:30:07-04:00819 nm02h 28m-113 fpm12,618 lbs

UDGUZA UDGVV 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

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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.

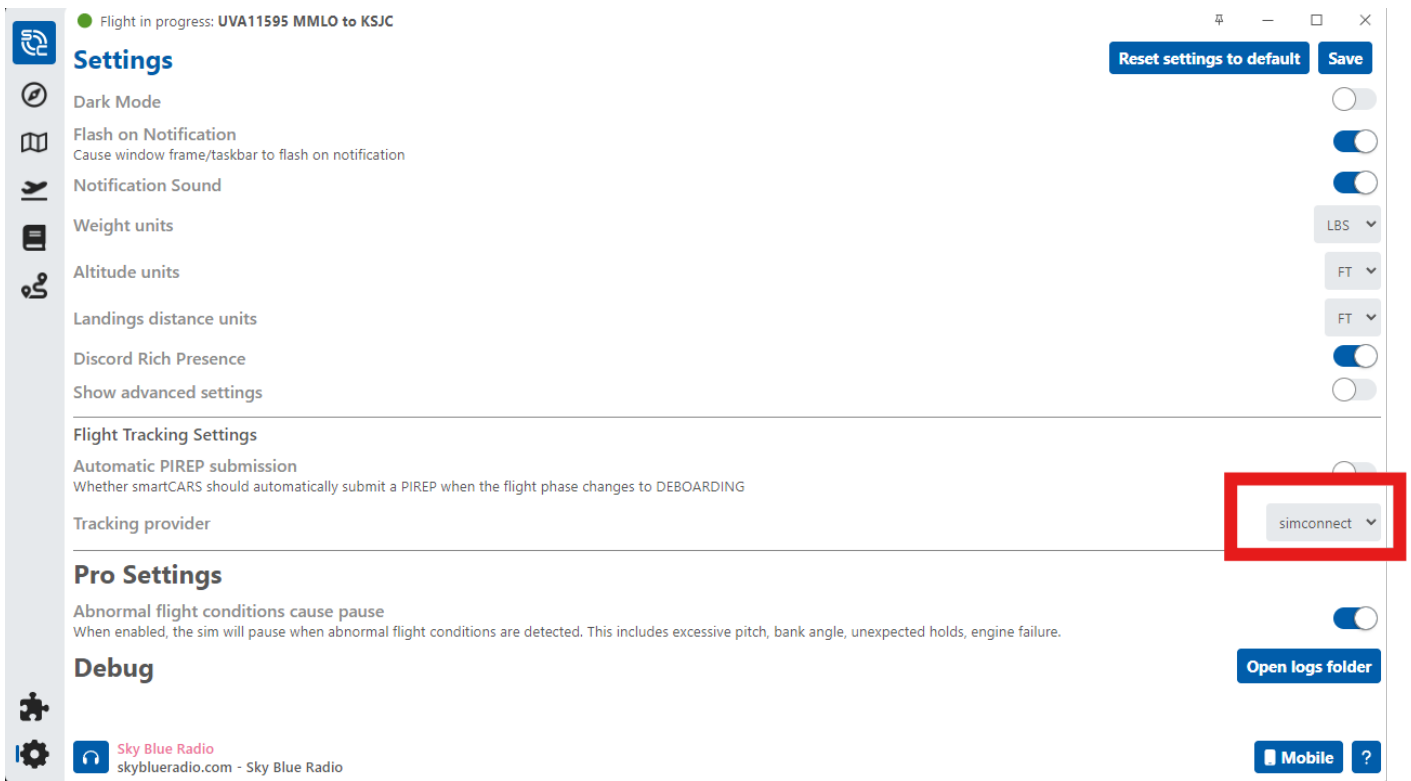
Map Features

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.



1. Be sure your setting 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 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