

FsACARS Guide

These are instructions on how to utilize FsACARS.

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What is FsACARS?

FsACARS is an alternate ACARS application that Canada Air Virtual may issue to some pilots with specific needs. Typically, this would be pilots who are still using Windows 7, which is no longer supported by smartCARS 3.

Access to FsACARS is on a per-pilot basis and only granted in rare occasions.

Requirements

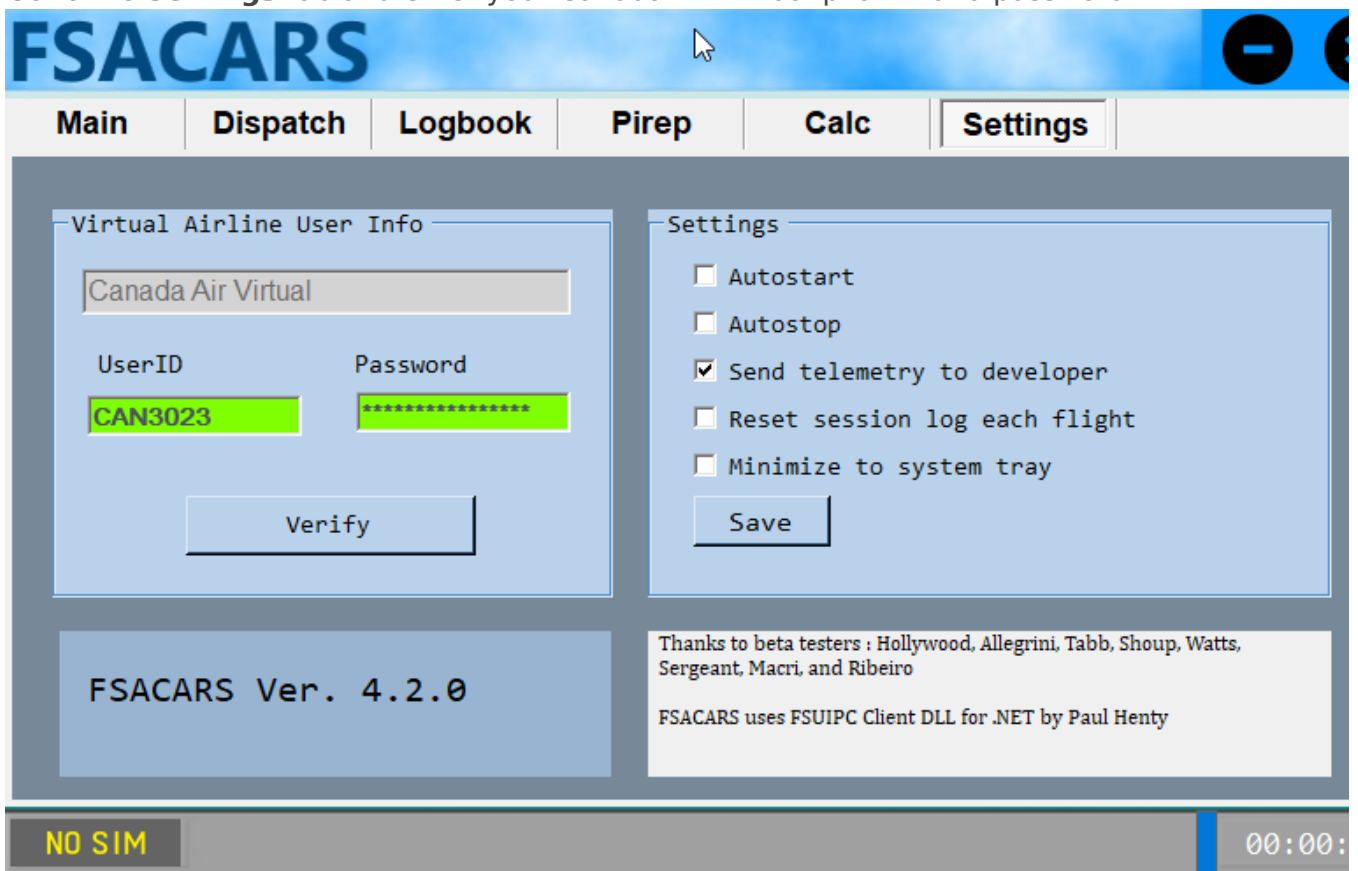
The following are required to run FsACARS:

- FSUIPC/XPUIPC

Setting up FsACARS

To set up FsACARS, follow these steps:

1. Download the Canada Air Virtual version of FsACARS from https://www.canadaairvirtual.ca/fsacars/fsacars_4.2.0.zip
2. Extract the contents of the zip file to a location on your PC, such as your Documents folder
3. Launch **fsacars.exe**
4. Go to the **Settings** tab and enter your Canada Air Virtual pilot ID and password



The screenshot shows the FsACARS application window with the 'Settings' tab selected. The interface includes a menu bar with 'Main', 'Dispatch', 'Logbook', 'Pirep', 'Calc', and 'Settings'. The 'Settings' panel contains two sections: 'Virtual Airline User Info' and 'Settings'. The 'Virtual Airline User Info' section has a text field for the airline name (Canada Air Virtual), fields for UserID (CAN3023) and Password (masked with asterisks), and a 'Verify' button. The 'Settings' section has checkboxes for 'Autostart', 'Autostop', 'Send telemetry to developer' (checked), 'Reset session log each flight', and 'Minimize to system tray', along with a 'Save' button. At the bottom, there is a status bar with 'NO SIM' on the left and a timer '00:00:' on the right. A version box displays 'FSACARS Ver. 4.2.0' and a credits box lists beta testers and the FSUIPC Client DLL developer.

5. Click the **Verify** button. You should see a successful result.

Username Verified
CAN3023

OK

Tracking a Flight with FsACARS

Here's how to begin tracking a flight with FsACARS:

1. Dispatch your desired flight from the website, either as a charter, tour, event, or scheduled flight
2. Launch FsACARS and go to the **Dispatch** tab

The screenshot displays the FsACARS web interface. At the top, the 'FsACARS' logo is on the left, and navigation tabs for 'Main', 'Dispatch', 'Logbook', 'Pirep', 'Calc', and 'Settings' are in the center. The 'Dispatch' tab is active. Below the tabs, the interface is split into two main sections. On the left, the 'Dispatch' panel has a teal header with input fields for 'ORIG' and 'FNUM:', and another set for 'DEST' with 'SET' and 'CLR' buttons. Below this is a large white text area with a yellow border and a 'REQUEST' button at the bottom right. On the right, the 'Live Flight Data' panel shows various flight parameters in a table-like format: Aircraft, Latitude, Longitude, IAS KT, TAS KT, GS KT, Wind, MSL, AGL, Hdg True, Hdg Mag, Fuel Used, Fuel On Board, Gross Weight, Distance NM, FPM, Pitch, Bank, and Surface Conditions. At the bottom, a status bar shows 'CONNECTED' in green on the left and a timer '00:00:' on the right.

3. Click the **Request** button. This will load your most recently dispatched flight from the Canada Air Virtual website.

- Switch to the **Main** tab and click the **Start** button once you're ready to start tracking your flight.

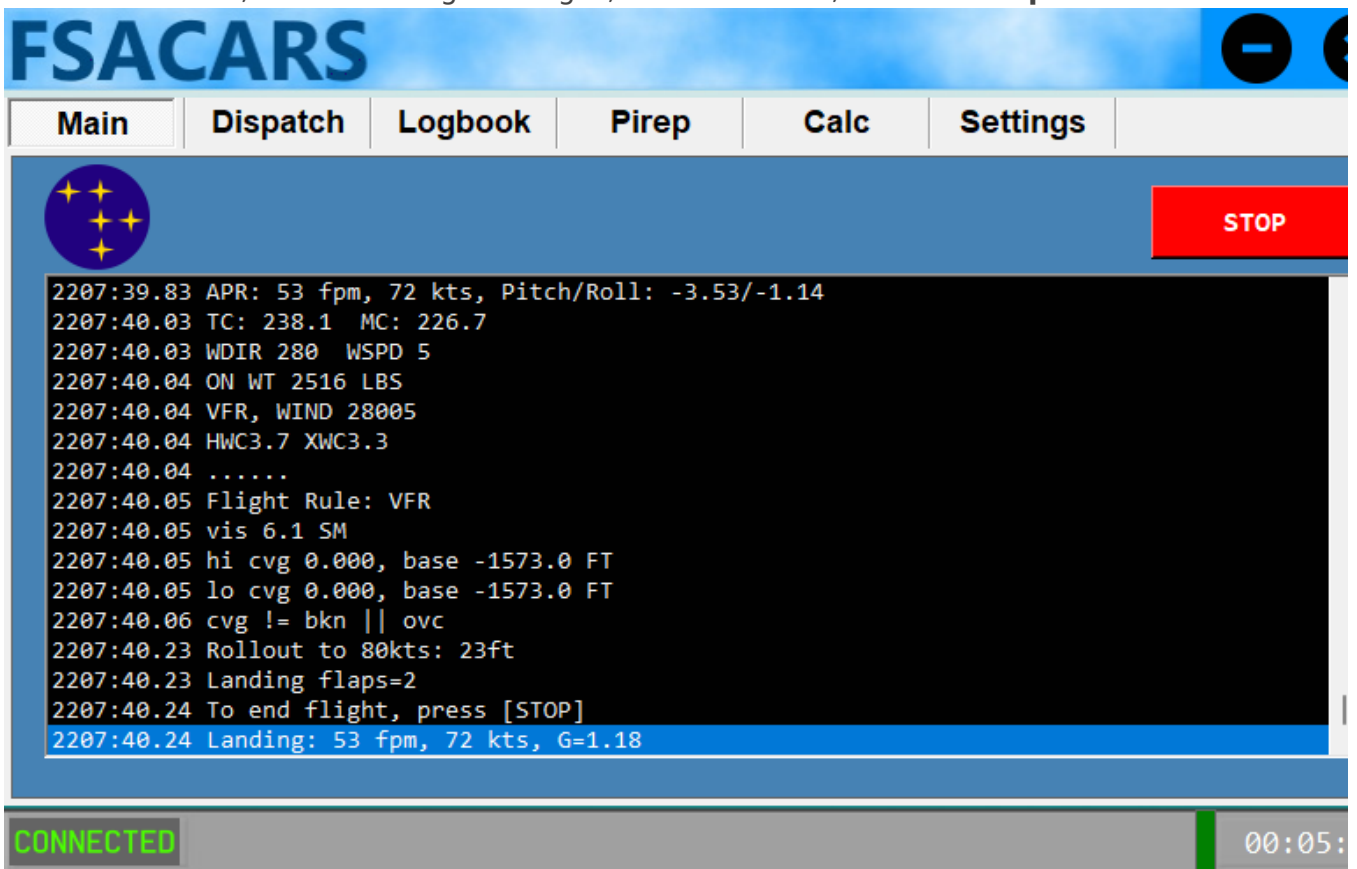
- The **Main** or **Dispatch** tabs are excellent for monitoring your tracking status during your flight. The **Dispatch** screen, in particular, will show you live flight data. You should also start seeing your flight live on the Canada Air Virtual website, as well as in tools such as

Little Nav Map.

Submitting a PIREP with FsACARS

Once you've landed and shut off your engines, you will need to submit your PIREP to the Canada Air Virtual website. To do this, follow these steps:

1. On the **Main** tab, review the log messages, and if satisfied, click the **Stop** button.



The screenshot displays the FsACARS application interface. At the top, the title "FSACARS" is shown in a blue header. Below the header is a navigation bar with tabs for "Main", "Dispatch", "Logbook", "Pirep", "Calc", and "Settings". The "Main" tab is currently selected. In the top right corner of the interface, there is a red button labeled "STOP". The main content area shows a log of flight data in a monospaced font, with the final line highlighted in blue. The log entries include:

```
2207:39.83 APR: 53 fpm, 72 kts, Pitch/Roll: -3.53/-1.14
2207:40.03 TC: 238.1 MC: 226.7
2207:40.03 WDIR 280 WSPD 5
2207:40.04 ON WT 2516 LBS
2207:40.04 VFR, WIND 28005
2207:40.04 HWC3.7 XWC3.3
2207:40.04 .....
2207:40.05 Flight Rule: VFR
2207:40.05 vis 6.1 SM
2207:40.05 hi cvg 0.000, base -1573.0 FT
2207:40.05 lo cvg 0.000, base -1573.0 FT
2207:40.06 cvg != bkn || ovc
2207:40.23 Rollout to 80kts: 23ft
2207:40.23 Landing flaps=2
2207:40.24 To end flight, press [STOP]
2207:40.24 Landing: 53 fpm, 72 kts, G=1.18
```

At the bottom of the interface, there is a status bar with the word "CONNECTED" in green on the left and a timer showing "00:05:" on the right.

2. Once clicked, you will be taken to the **Pirep** tab automatically and see an overview of your flight data.

Aircraft

Cessna Skylane G1000 Carenado Canada Air

Block Time

0.1 hours

Fuel (LBS)

5

Landing

Speed

72

FPM

53

Bank

-1.14

Pitch

-3.53

Weight LBS

2516

Remarks about your flight (optional):

All don!

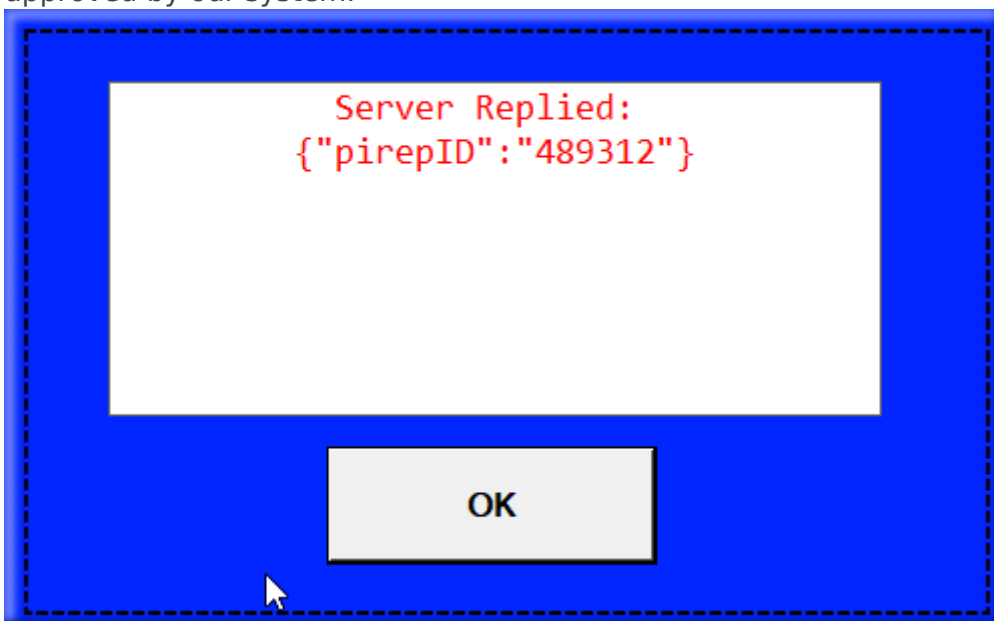
Cancel

LOG FLIGHT REPORT

CONNECTED

00:05:

3. You can enter any additional remarks at this time and then click **Log Flight Report** to submit your pirep. Assuming all the data passes validation, it will automatically be approved by our system.



Known Issues or Limitations

The following are known issues or limitations when using FsACARS:

- Distance remaining and Time remaining are unavailable
- Aircraft used may not be accurate until Pirep is submitted
- It is possible to accidentally create additional dispatched flights if you're not using the Dispatch tab properly
- The Canada Air Virtual website assumes that you will be flying in Microsoft Flight Simulator X, because FsACARS does not tell us what simulator you're using