

## About

The YAACARS Interface will let you load fuel and payload directly in X-Plane and in addition it will show you the connection- and tracking state of the YAACARS client!

## Compatibility

This tool will work for X-Plane only! Sorry to the FSX and P3D users ...

## Download

<https://www.ftw-sim.de/client-downloads/>

## History

- 2.0 changed interface to work with the yaacars.lua - instead of the obsolete yaacars datarefs
- 1.3 warning when flight is not started now triggers at 10kts already and when still on ground
- 1.2 / 1.2.1 added Python script to create needed datarefs as an alternative to the xlua plugin (for XP10 and Linux)
- 1.1 "tweaked" the xlua plugin to work with xlua-enabled planes
- 1.0 initial release

## Installation

### DataRef-Helper

The lua script needs DataRefs to communicate with YAACARS. Sadly, FlyWithLua is not able to create DataRefs on it's own, so we need a helper to create the DataRefs: \* on XP11 you can use the xlua plugin by extracting the "YAACARS\_DataRefs" folder to your Resources/Plugins folder. \* on XP10/9 or any other incompatible systems there's a python script "Plugins/PythonScripts/PI\_yaacars-datarefs.py" for the [X-Plane Python Interface](#), that is also able to create the datarefs.

No longer needed with Version 2.0! (yeah!)

### lua script

- Install [FlyWithLua for XP11](#) or [FlyWithLua for XP10/9](#)
- Extract the "YAACARS-Interface.lua" folder to your Resources/Plugins/FlyWithLua/Scripts folder.

Make sure to EDIT the following line of the script to adapt the local path

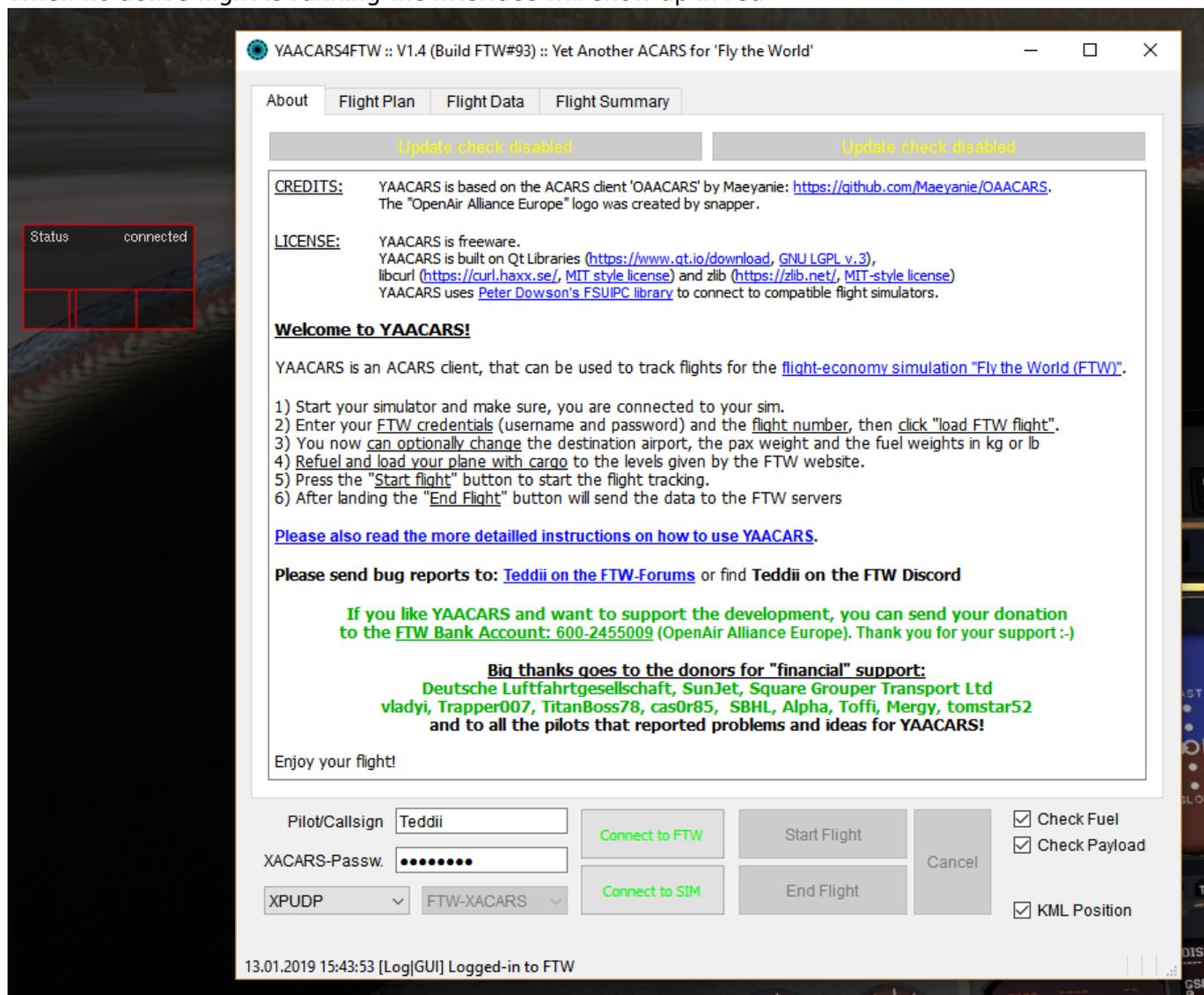
```
to the yaacars.lua file!
local yaacarsPath="C:/Users/[YOUR_PROFILE]/Documents/YAACARS";
```

The path has to point to your local YAACARS document folder, which is C:/Users/[YOUR\_PROFILE]/Documents/YAACARS (Linux: /home/<yaacars-run-user>/Documents/YAACARS/yaacars.lua)

## Screenshots

### connected

When no active flight is running the interface will show up in red



### FTW Fuel and Payload weights

When you enter fuel and payload weights the client receives the values and unlocks the "load"

The screenshot shows the YAACARS4FTW software interface. At the top, the title bar reads "YAACARS4FTW :: V1.4 (Build FTW#93) :: Yet Another ACARS for 'Fly the World'". The interface has several tabs: "About", "Flight Plan", "Flight Data", and "Flight Summary".

The "Flight Data" tab is active, displaying the following information:

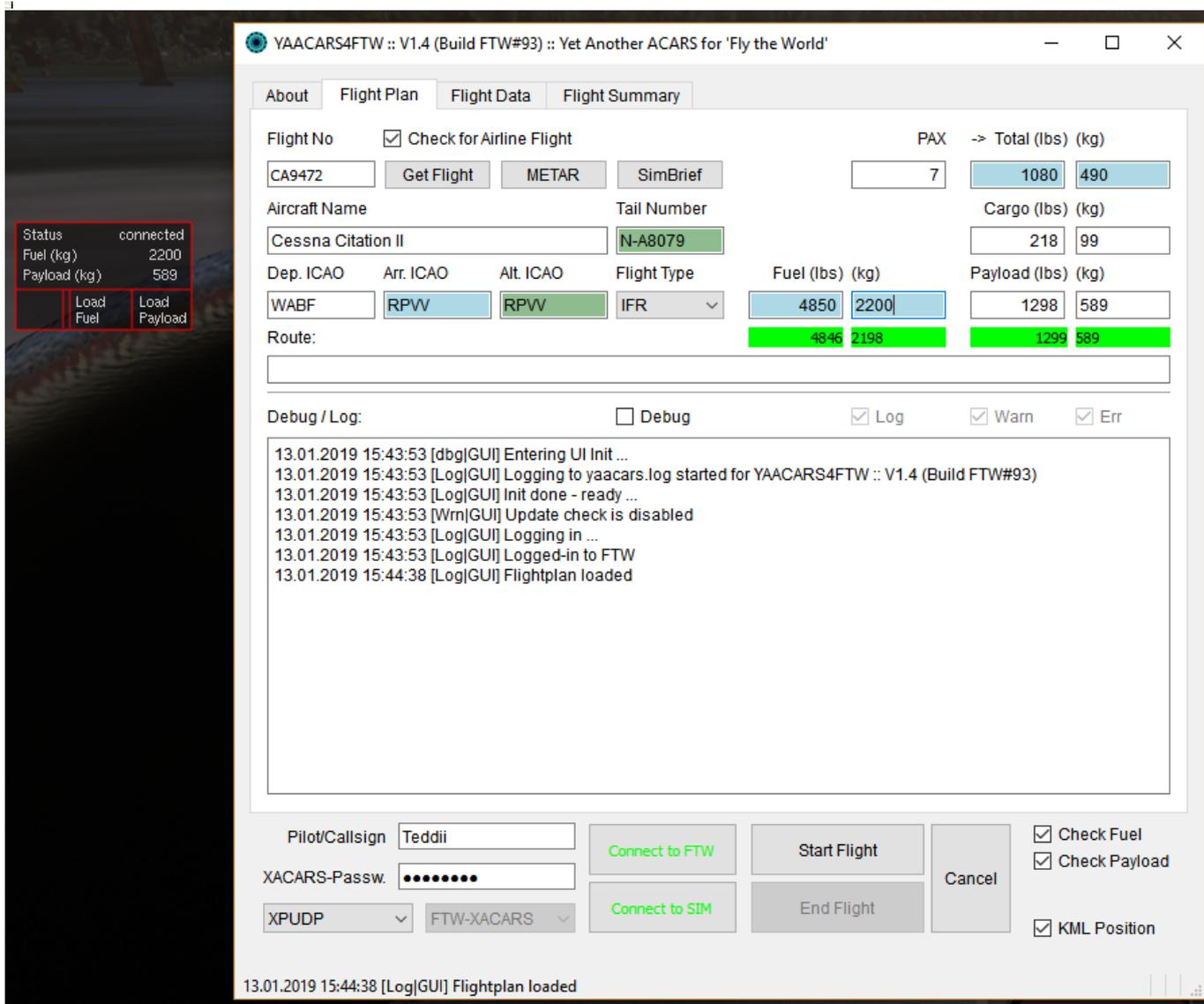
- Flight No: CA9472 (with "Get Flight" and "METAR" buttons)
- Aircraft Name: Cessna Citation II (with "SimBrief" button)
- Tail Number: N-A8079
- Dep. ICAO: WABF, Arr. ICAO: RPW, Alt. ICAO: RPW, Flight Type: IFR
- Fuel (lbs) (kg): 4850 (2200)
- Payload (lbs) (kg): 1298 (589)
- Route: (empty)
- Debug / Log: (with checkboxes for Debug, Log, Warn, Err)

At the bottom, there are fields for "Pilot/Callsign" (Teddi), "XACARS-Passw." (masked), and "XPUDP" (FTW-XACARS). Buttons for "Connect to FTW", "Connect to SIM", "Start Flight", "End Flight", and "Cancel" are present. Checkboxes for "Check Fuel", "Check Payload", and "KML Position" are also visible.

A log window is open, showing the following entries:

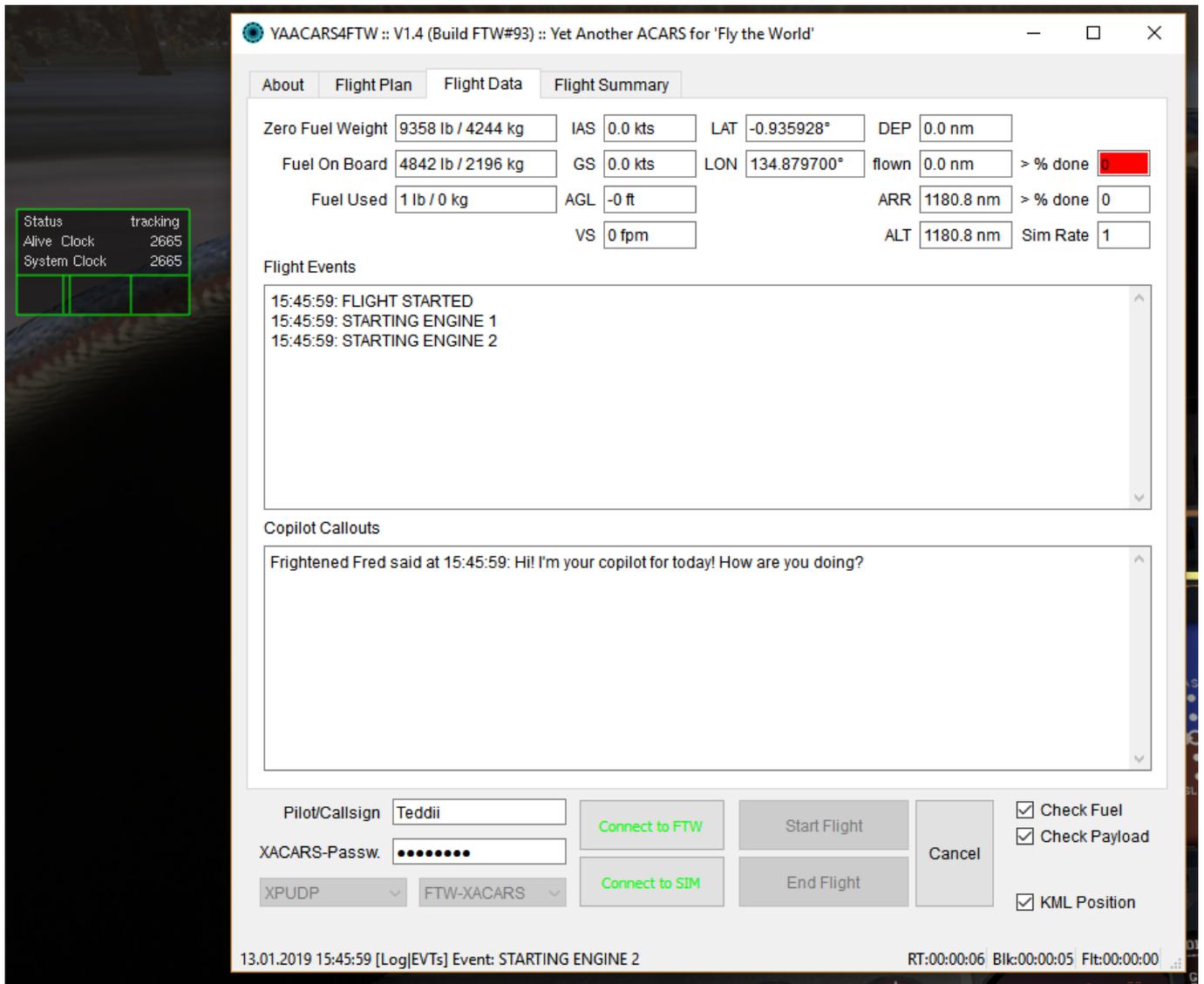
```
13.01.2019 15:43:53 [dbg|GUI] Entering UI Init ...
13.01.2019 15:43:53 [Log|GUI] Logging to yaacars.log started for YAACARS4FTW :: V1.4 (Build FTW#93)
13.01.2019 15:43:53 [Log|GUI] Init done - ready ...
13.01.2019 15:43:53 [Wrn|GUI] Update check is disabled
13.01.2019 15:43:53 [Log|GUI] Logging in ...
13.01.2019 15:43:53 [Log|GUI] Logged-in to FTW
13.01.2019 15:44:38 [Log|GUI] Flightplan loaded
```

## Load Fuel and Payload weights



## Start Flight Tracking

When the flight tracking in YAACARS is started, the interface will immediately hide. You can show it



## Tracking abort or Client crash

The interface will show up in flight:

- when the YAACARS client abort the flight (refuelling, for example) - interface will turn RED
- the alive signal from the YAACARS client got lost or out of sync - interface will turn YELLOW

There might be still an error within the interface code, so check back to the YAACARS client to see it's state!

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Permanent link: <https://wiki.ftw-sim.de/doku.php?id=yaacars:yaacars-interface>

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