



## **kACARS Manual**

kACARS is our main logging and tracking software.  
It is free, simple and light.

## Downloading kACARS

**DOWNLOAD**



Download the kACARS Client V1.0.1.5

## Installing kACARS

- Open kACARS Client zip file and run the file labeled “kACARS\_Free Setup v1.0.1.5.msi”.
- Double click the file and a small dialog box will open asking you to click “Run” or “Cancel”.
- Click the “Run” button.
- Follow the prompts to install “KACARS”.
- Once completed, the KACARS icon should appear on the desktop of your pc.
- Next, we will discuss how to setup “KACARS”.

## Setting Up kACARS

Double click on the KACARS icon and a box will open up appearing as shown below:

The screenshot shows the kACARS\_Free application window. The title bar reads "kACARS\_Free". The main window has a tab labeled "Options". Inside the "Options" tab, there is a sub-tab labeled "PIREP". The interface is divided into several sections:

- Main Controls:** Includes fields for "PilotID" and "Password", a "Log in" button, a "Connect to FS" button, and a "Charter Flight" checkbox.
- PIREP Data:** A grid of input fields for flight details: Flight Number, Flight Level, Aircraft Reg, Aircraft Type, Departure ICAO, Sch Depart Time, Arrival ICAO, Sch Arrival Time, Load, Sch Flight Time, Act Flight Time, Act Depart Time, Fuel Start (lbs), Flight Phase, Fuel Used (lbs), Landing Rate, Route, and Comments.
- PIREP Controls:** Includes buttons for "Get Flight Number Info", "Clear Data", "Start Flight", "Stop Flight", "File PIREP", and "Clear PIREP".
- Flight Log:** A large text area on the right side for logging flight data.
- Charter Controls:** At the bottom, includes a "Get Aircraft" button, a "Select Aircraft" dropdown menu, and a "Load" button.

The FS-PRODUCTS logo is visible in the top left corner of the main window area. The version "Version 1.0.1.5" is displayed in the top right corner.

At the top left of the window, "Options" button appears.

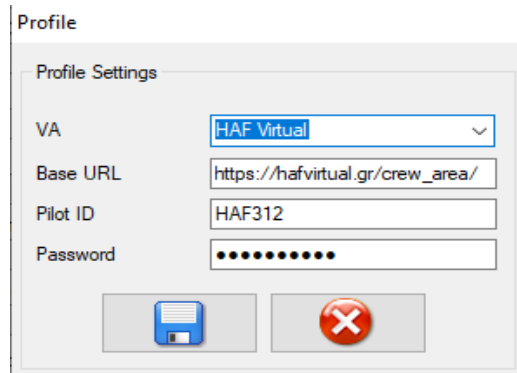
Click on "Options" and then select "VA Profiles".

A small box will open that contains four white blank fields.

Enter the following into these fields:

- **VA:** In the blank field to the right of "VA", enter: HAF Virtual
- **Base URL:** In the blank field to the right of "Base URL", enter: [https://hafvirtual.gr/crew\\_area/](https://hafvirtual.gr/crew_area/)
- **Pilot ID:** In the blank field to the right of "Pilot ID", enter the number portion only of your pilot id. For example; if your pilot id is "HAF999"; enter "999" in this field.
- **Password:** In the blank field to the right of "Password", enter the password you use to log into the HAF Virtual Crew Area.

Once this is done, click on the blue disc button to save. The completed fields should appear as shown below:



Profile

Profile Settings

VA: HAF Virtual

Base URL: [https://hafvirtual.gr/crew\\_area/](https://hafvirtual.gr/crew_area/)

Pilot ID: HAF312

Password: .....

[Save] [Cancel]

To close the windows press the red "X" button on the right of the blue disc icon.

Next, go back to the "Options" menu on KACARS and select "User Settings".

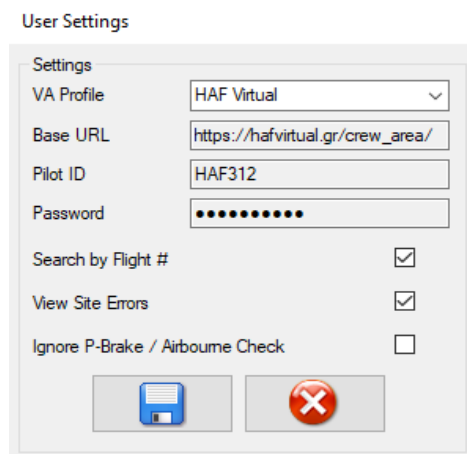
A small dialog box will open up. It will show all the information we just entered previously with a couple of more options below.

Below "Password" there are three additional options.

Make sure there is a check mark in the boxes to the right of "Search by Flight #" and "View Site Errors".

Leave the box to the right of "Ignore P-Brake / Airborne Check" blank!

The completed information will appear as below:



User Settings

Settings

VA Profile: HAF Virtual

Base URL: [https://hafvirtual.gr/crew\\_area/](https://hafvirtual.gr/crew_area/)

Pilot ID: HAF312

Password: .....

Search by Flight #: ☒

View Site Errors: ☒

Ignore P-Brake / Airborne Check: ☐

[Save] [Cancel]

KACARS is now ready for use. Simple enough, right!!!

Lets talk about how to use KACARS to track our flights and upload our pireps.  
For future references, it is best to setup most of KACARS before starting Flight Simulator.  
KACARS will work and track flights flown on Flight Simulator 9, FSX, P3D and X-Plane.

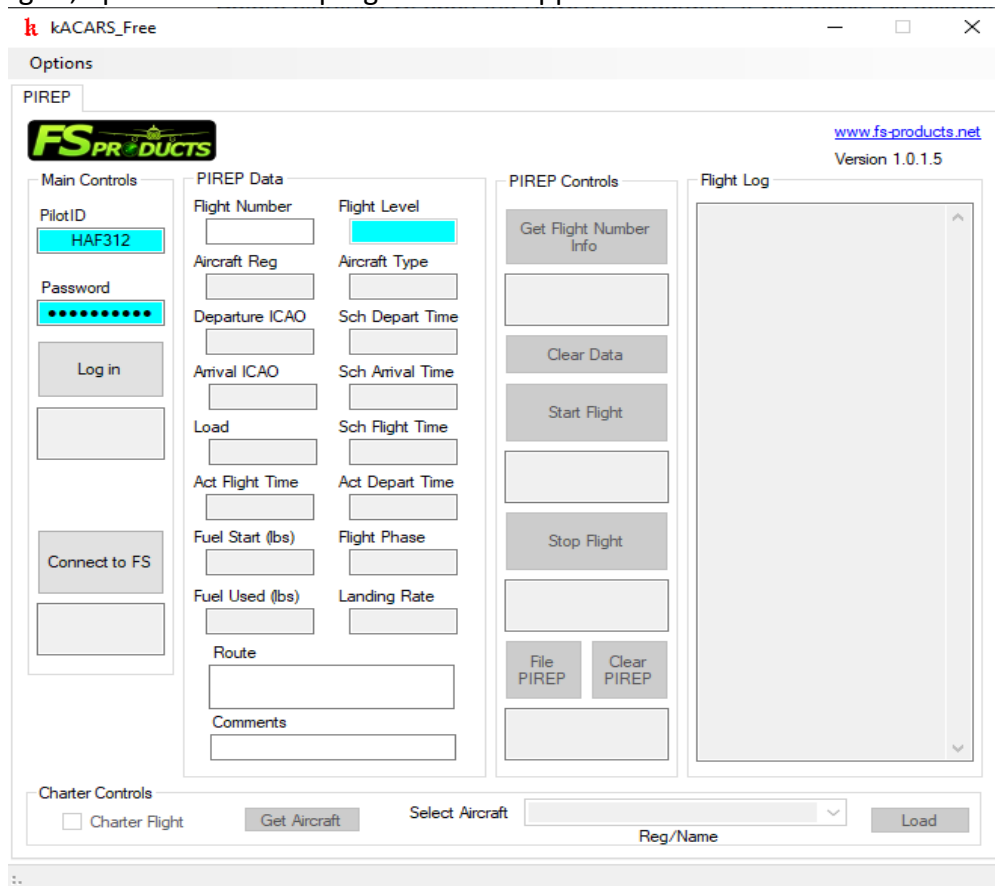
Now that the program is ready for use, lets set it up to track our flight. Shall we??

### Using kACARS to track your flights (1 - Tactical Flights)

First, we need to go to the website and select a flight from the tactical flights list.

For this purpose, we will select the flight“HAF01XT” which is a Training Flight at Larissa Airbase with an F-16BLK50 aircraft.

Before starting FS, open the KACARS program. It will appear as follows:



The screenshot shows the KACARS\_Free application window. The title bar reads "KACARS\_Free". The main window has a menu bar with "Options" selected. Below the menu bar is the "PIREP" tab. The interface is divided into several sections:

- Main Controls:** Contains fields for "PilotID" (HAF312) and "Password" (a masked field), a "Log in" button, a "Connect to FS" button, and a small status field below.
- PIREP Data:** Contains fields for "Flight Number", "Flight Level", "Aircraft Reg", "Aircraft Type", "Departure ICAO", "Sch Depart Time", "Arrival ICAO", "Sch Arrival Time", "Load", "Sch Flight Time", "Act Flight Time", "Act Depart Time", "Fuel Start (lbs)", "Flight Phase", "Fuel Used (lbs)", "Landing Rate", "Route", and "Comments".
- PIREP Controls:** Contains buttons for "Get Flight Number Info", "Clear Data", "Start Flight", "Stop Flight", "File PIREP", and "Clear PIREP".
- Flight Log:** A large text area for displaying flight logs.
- Charter Controls:** At the bottom, there is a checkbox for "Charter Flight", a "Get Aircraft" button, a "Select Aircraft" dropdown menu, and a "Load" button.

The top right corner of the window displays the website [www.fs-products.net](http://www.fs-products.net) and the version "Version 1.0.1.5".

Notice that "Pilot ID" and "Password" is already entered for us.

Right below that is the "Log In" button. Click this button.

You will notice that right below that is a small field. If the log in is successful, it will turn green and state "Logged In!". If there is any issues, it will turn red and not log you in.

Next, to the right of “Pilot ID” there is a field labeled “Flight Number”.

In this field, you will enter the flight number of the flight you chosen exactly as it was displayed on the website.

In this case, we will enter “HAF01XT”.

To the right of “Flight Level”, there is a column under “PIREP Controls”.

The first button is labeled “Get Flight Number Info”. Click this button.

After clicking the “Get Flight Number Info” button, the field right below will turn green and state “Flight Found”.

Take a look at the screen shot below, KACARS has entered most of the information for this flight for you including Aircraft Serial Number, Aircraft Type, Departure Airport (ICAO), Arrival Airport (ICAO), Altitude and route if it exists. You can change the Altitude and route if you want.

You do not have to worry about departure and arrival times. You can fly the flight at any time.

The screenshot displays the KACARS\_Free application window. The title bar reads "kACARS\_Free". The interface is divided into several sections:

- Options:** A tab at the top.
- PIREP:** The active section, containing:
  - Main Controls:** PilotID (HAF312), Password (masked), Log in, Logged in! (green), Connect to FS, and a text field.
  - PIREP Data:** Flight Number (HAF01XT), Flight Level (19500), Aircraft Reg (50), Aircraft Type (F16), Departure ICAO (LGLR), Sch Depart Time (0000), Arrival ICAO (LGLR), Sch Arrival Time (0000), Pax (1), Sch Flight Time (0.3), Act Flight Time, Act Depart Time, Fuel Start (lbs), Flight Phase, Fuel Used (lbs), Landing Rate, Route (LOCAL PATTERN), and Comments.
  - PIREP Controls:** Get Flight Number Info, Flight Found! (green), Clear Data, Start Flight, Stop Flight, File PIREP, and Clear PIREP.
  - Flight Log:** A large empty text area.
- Charter Controls:** Charter Flight checkbox, Get Aircraft, Select Aircraft dropdown, and Load button.

Version 1.0.1.5 and the website [www.fs-products.net](http://www.fs-products.net) are also visible.

At this point, you are ready to setup FS.

Start up FS, select the F-16 Aircraft.

Setup the fuel and payloads weights.

Once all this is done, click fly now and once FS has loaded the flight; set the parking brake and shut down the engines.

Next, go to KACARS, and click the “Connect to FS” button on the left side toward the bottom.

A successful connection will be indicated by the field below that turning green and stating “Connected to FS”.

Now, you are ready to get KACARS to track your flight.

On KACARS, under the Pirep Controls column, press the “Start Flight” button that is about half way down. You will notice in the “Flight Log” on the right show that “Boarding” is taking place.

From this point, you can return to FS, conduct your preflight check, taxi and takeoff from Larissa Airbase. Continue flying locally on Larissa Airbase Area.

Once you finish your flight and land at LGLR, taxi to the apron, set the parking brake and shut down the engines.

From this point, return to KACARS, and click the "Stop Flight" button.

Now you can upload your pirep to the Crew Area by pressing the "File Pirep" button.

Exit KACARS and done!!!!

As stated earlier in the manual, if you go to your Profile, you see that the flight you just uploaded into the website is waiting for approval from HAF Virtual Staff.

Kacars is a simple software to use and saves you time from entering the MISREP manually.

### **Using kACARS to track your flights (2 - Free Flights)**

In the field labeled "Flight Number" enter your Flight ID, for example: "HAF999"

Next, go the bottom of KACARS and there is a row of options labeled "Charter Controls".

Tick the box for "Charter Flight".

Next, press the "Get Aircraft" button. In the drop down menu labeled "Select Aircraft", select the aircraft you want to fly, the format is [Serial No / Aircraft Type].

Then press the "Load" button to the right of the drop down menu. Okay, we are almost there.

Now, we should see that the following fields are blank:

- Departure ICAO
- Arrival ICAO
- Load
- Route
- Comments
- Flight Level

Fill the Data as described below:

- Departure ICAO = enter your Departure Airport
- Arrival ICAO = enter your Arrival Airport
- Load = enter the number of personnel or cargo you will carry (For fighters use 1 for C version or 2 for D version)
- Route = enter the route to be flown
- Comments = enter the type of mission, voice callsign, operation area and other important infos about your flight mission.
- Flight Level = enter the cruising altitude you plan to fly in feet, not Flight Level.

Once this is done, it will appear as indicated in the image below.

**k** KACARS\_Free

Options

PIREP

**FS PRODUCTS** [www.fs-products.net](http://www.fs-products.net)  
Version 1.0.1.5

<b>Main Controls</b> PilotID <input type="text" value="HAF312"/> Password <input type="password" value="*****"/> <input type="button" value="Log in"/> <input type="button" value="Logged in"/> <input type="button" value="Connect to FS"/> <input type="button" value=""/>	<b>PIREP Data</b> Flight Number <input type="text" value="HAF312"/> Flight Level <input type="text" value="5000"/> Aircraft Reg <input type="text" value="20"/> Aircraft Type <input type="text" value="F-16C"/> Departure ICAO <input type="text" value="LGRX"/> Sch Depart Time <input type="text" value=""/> Arrival ICAO <input type="text" value="LGRX"/> Sch Arrival Time <input type="text" value=""/> Load <input type="text" value="1"/> Sch Flight Time <input type="text" value=""/> Act Flight Time <input type="text" value=""/> Act Depart Time <input type="text" value=""/> Fuel Start (lbs) <input type="text" value=""/> Flight Phase <input type="text" value=""/> Fuel Used (lbs) <input type="text" value=""/> Landing Rate <input type="text" value=""/> Route <input type="text" value="ARA LGD72 SCHIZA KAM ARA"/> Comments <input type="text" value="CPM / TIGER / LGD72"/>	<b>PIREP Controls</b> <input type="button" value="Get Flight Number Info"/> <input type="button" value="Clear Data"/> <input type="button" value="Start Flight"/> <input type="button" value="Stop Flight"/> <input type="button" value="File PIREP"/> <input type="button" value="Clear PIREP"/>	<b>Flight Log</b> <div style="border: 1px solid gray; height: 300px; width: 100%;"></div>
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**Charter Controls**  
☒ Charter Flight  Select Aircraft    
 Reg/Name

Now, at this point, start up FS and setup your flight and aircraft.  
 Once at the departure apron, set parking brake and shut down the engines.  
 Go to KACARS, click the "Connect to FS" button and then the "Start Flight" button.  
 Return to FS and proceed with your flight mission.  
 When you arrive at your arrival airbase, taxi to the designated apron, set the parking brake and shut down the engines.  
 Now, what is left to do? Click the "Stop Flight" button on KACARS and then click the "File Pirep" button.  
 Close KACARS, exit FS, and done.

Okay, now you can fly and use KACARS with great success.

See you in the virtual skies!!!!!!