

YANSH (Yet ANother Simbrief Helper)

(formely Simbrief Helper Enh)

Installation

Uncompress YANSH_3.x.zip file in your Resources/plugins folder.

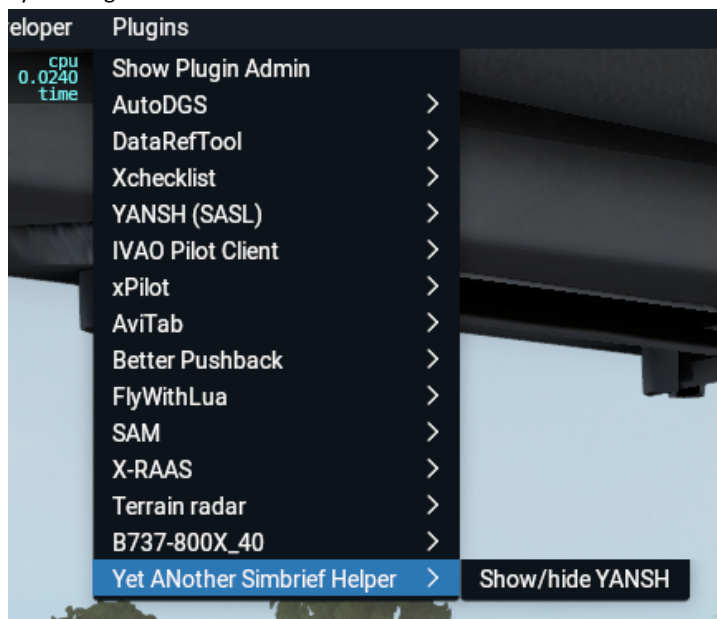
Upgrade

Remove the previous YANSH folder from the Resources/plugins folder, proceed to the installation step.

Quick start

The YANSH window can displayed by :

1. By the Plugins menu



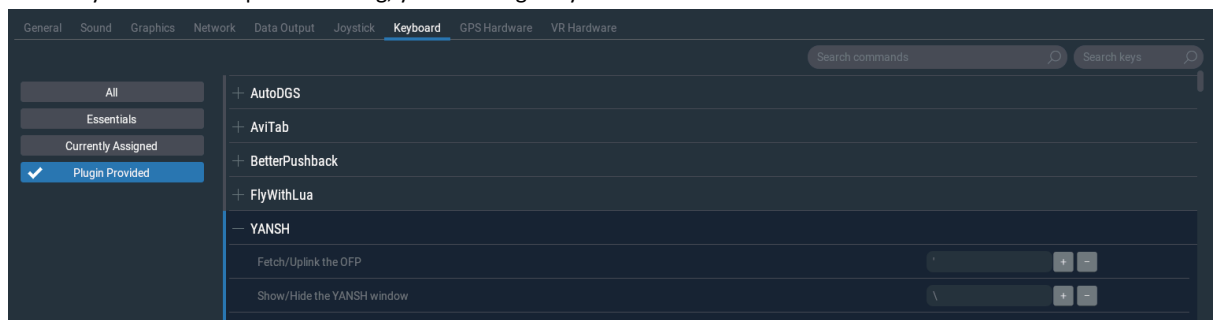
2. By using the 'magic square'



The magic square is this small square located at the lower left corner of the screen.

By clicking with the RIGHT button of the mouse, you can display the YANSH window

3. By using a keyboard shortcut
in the keyboard tab of x-plane's setting, you can assign keys:



- Show/Hide the YANSH window : the YANSH window can be showed/hided by assigning a keyboard key
- Fetch/Uplink the OFP : the “Fetch OFP” button can be assigned to a keyboard key (Note: if “Upload the &37’s FMC.. ” setting is enabled, the OFP will also be uploaded to the FMC

Settings



Simbrief

- From the Simbrief website, copy your Simbrief username, then click here on the “Paste” button

Metar

In order to get updated METAR along your flight

- go to <https://avwx.rest> and register for free
- get you own API token at the page <https://account.avwx.rest/tokens>
- then paste in the YANSH's setup window

Upload the 737's FMC

- if checked, the FMC will be programmed automatically after fetching the last OFP from Simbrief

Do not populate FMC's RESERVES

- if checked, this field will not be populated

Hide the magic square

- if checked, the “magic square” will not be displayed

Click the magic square with the left button

- by default, the magic square is used with the mouse right button, if checked, the left button will be used instead (convenient for VR user)

Display YANSH window with borders

- if checked, the windows will be displayed with borders and without transparent background. This mode allows VR user to resize the windows

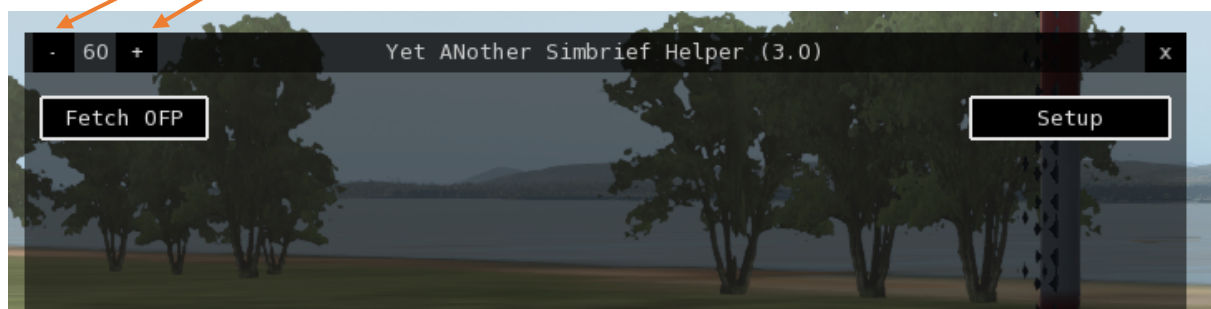
Field of View angle Keeper

The Field of View angle (FoV) is a global setting of X-plane. This value may needed to be different for each aircraft.

YANSH stores your own setting for each plane and recall it automatically at each new flight

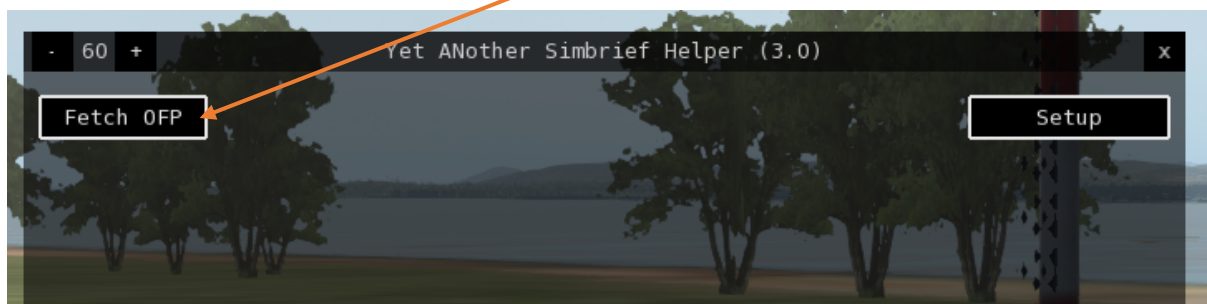
The current FoV can be changed (and automatically saved)

by clicking the  and  buttons



Usage

Fetch your last simbrief OFP : click on the **Fetch OFP** button



Along your flight, you can update the METAR (if the avwxtoken is defined):
click on the **Refresh Metar** button

The FMC can be also manually programmed by clicking on the **uplink to FMC** button
(this button is only available if the FMC is powered and the B737 on the ground).

Note: Zibo version RC5.2 and later can directly from the FMC upload the OFP, YANSH is compatible with this feature. After clicking the “Fetch OFP” button, YANSH will copy the relevant B787x files into x-plane. For this it is recommended to disable the “Upload the 737’s FMC automatically” option in the setup window.



Warning if the OFP is older than 2 hours

If the OFP layout is not LIDO, the FMC's UPLINK DATA (Wind forecasts on Zibo B738) will not be available)

Datarefs

The following datarefs are exposed

Dateref name	Description	Type
YANSH/sb/general/initial_altitude	Cruise altitude	String
YANSH/sb/general/max_altitude	Max cruise altitude	String
YANSH/sb/weights/pax_count	Passager count	String
YANSH/sb/weights/cargo	Cargo weight	String
YANSH/sb/weights/payload	Payload weight	String
YANSH/sb/weights/est_zfw	Zero fuel weight	String
YANSH/sb/fuel/plan_ramp	Block fuel	String
YANSH/sb/fuel/min_takeoff	Take-off fuel	String
YANSH/sb/fuel/enroute_burn	Trip Fuel	String
YANSH/sb/fuel/reserve	Reserve Fuel	String
YANSH/sb/fuel/alternate_burn	Alternate Fuel	String
YANSH/sb/weights/est_tow	Take-off weight	String
YANSH/sb/params/units	Weight unit (kg or lbs)	String
YANSH/sb/params/units_flag	Weight unit flag (1 for kg, 0 for lbs)	Integer