

YANSH (Yet ANother Simbrief Helper)

(formely Simbrief Helper Enh)

Installation

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

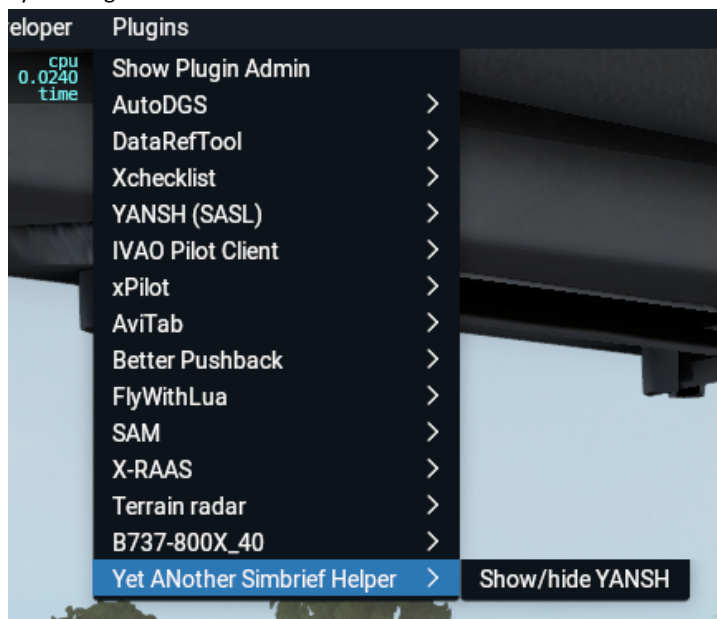
Upgrade

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



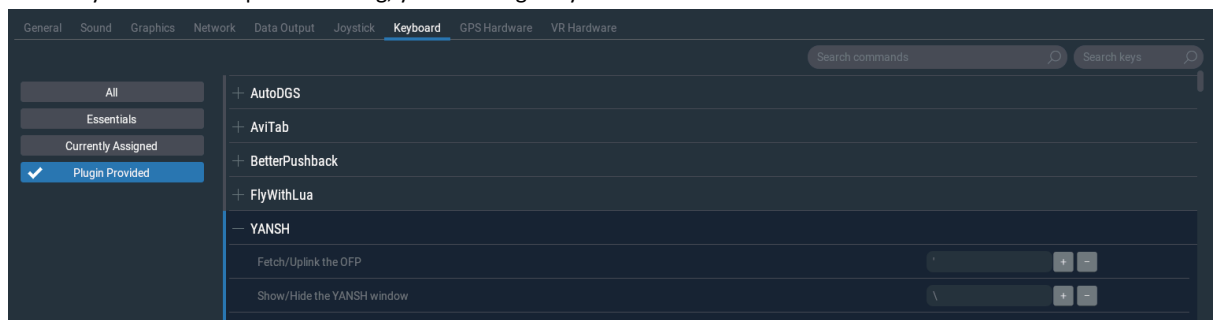
2. By using the 'magic square'



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

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

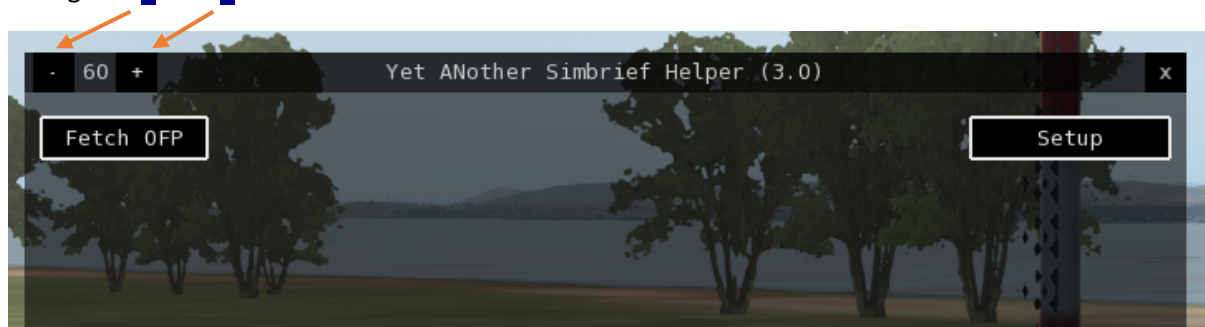
Field of View angle Keeper

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

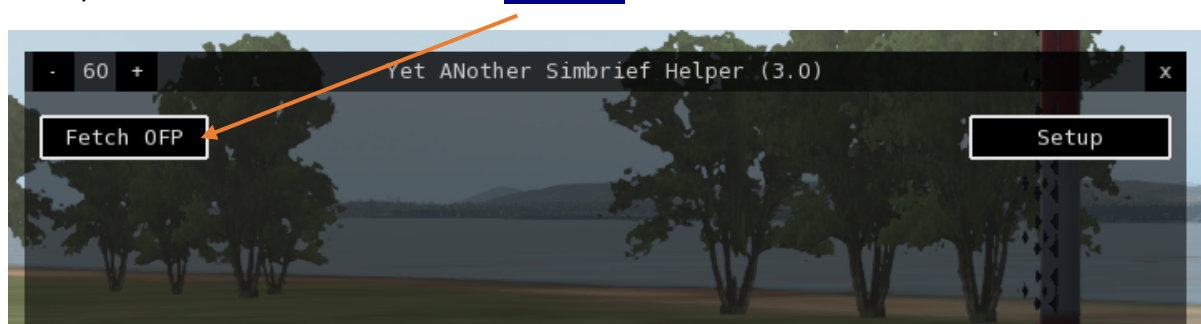
The current FoV can be changed (and automatically saved)

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 :
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.

The screenshot shows the 'Yet ANother Simbrief Helper (3.0)' window. At the top, there are four buttons: 'Fetch OFP', 'Refresh Metar', 'uplink to FMC', and 'Setup'. Below the buttons, a red warning message states: 'Warning, this OFP is older than 2 hours'. The main display area shows flight data for a B737-800 on a route from CASALE to NICE/COTE D'AZUR. The data includes FMS CO ROUTE, Aircraft, Airports, Route, Distance, Cruise Altitude, Step Climb, Elevations, Block Fuel, Takeoff Fuel, Trip Fuel, Reserve Fuel, Alternate Fuel, Res+Alt Fuel, Pax, Cargo, Payload, ZFW, Cost Index, TOC Wind, TOC Temp, TOC ISA Dev, and METAR data. Two blue callout boxes provide additional information: one points to the warning message, stating 'Warning if the OFP is older than 2 hours', and the other points to the 'FMC's UPLINK DATA' line, stating 'If the OFP layout is not LIDO, the FMC's UPLINK DATA (Wind forecasts on Zibo B738) will not be available)'. The background of the window shows a cockpit view with various instrument displays.

Warning, this OFP is older than 2 hours

OFP Layout: LIDO, (LIDO layout is preferred),
FMC's UPLINK DATA (Wind forecasts) will not be available

FMS CO ROUTE: LIBRLFMN01 / BDSNCE01
Aircraft: B737-800
Airports: CASALE - NICE/COTE D'AZUR
Route: LIBR/13 RO806G RO80T L995 LUXIL M742 SOR M603
PNZ M729 MEDAL Q160 PODOX T246 MIRSA UL127 SODRI SODR7R LFMN/22R
Distance: 563 nm ETE: 1h37

Cruise Altitude: 29 000 ft
Step Climb: LIBR/0290/SOR/0300/MIRSA/0360
Elevations: LIBR (46 ft) - LFMN (12 ft)

Block Fuel: 7 800 kgs
Takeoff Fuel: 7 504 kgs
Trip Fuel: 4 400 kgs
Reserve Fuel: 1 132 kgs
Alternate Fuel: 1 451 kgs
Res+Alt Fuel: 2 583 kgs

Pax: 160
Cargo: 6 980 kgs
Payload: 19 620 kgs
ZFW: 62.7
Cost Index: 5

TOC Wind: 243/031
TOC Temp: -34 °C
TOC ISA Dev: 9 °C

LIBR 221250Z 20014KT CAVOK 32/20 Q1012
LFMN 221300Z 24017KT 9999 FEW030 BKN260 26/13 Q1004 NOSIG

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