

MSFS2020 Notes for Project Magenta Software

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Feedback: support@projectmagenta.com

General

All builds from now on will include changes made especially for MSFS 2020.

To connect to the simulator you will need FSUIPC7. Download and instructions on <https://forum.simflight.com/topic/90193-fsuipc7-beta-for-msfs/>

Before you change any files, make a backup. We recommend you have a backup of your autopilot folder in particular for the time being.

One important change for correct operation is in the **flight_model.cfg** file of the A320 NEO. If this is not done, autopilot operation is compromised.

Navigate to your Microsoft Flight Simulator 'Official' folder.

You can find it using Windows Search %localappdata% or if you have installed the MSFS contents in a custom folder, go to that folder

Then continue to:

X:\[your folder]\Official\OneStore\asobo-aircraft-a320-neo\SimObjects\AirPlanes\Asobo_A320_NEO

Edit the **flight_model.cfg** file.

Find fly_by_wire (Ctrl-F)

Set it to 0.

fly_by_wire = 0 ; Fly-by-wire available true/false

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Autopilot Parameters

Elevator, Aileron and Rudder (as well as some other flight controls) are very sensitive. That has already been accounted for.

In the menu (Esc) you can set:

For the bank factor in the MCP/FCU use **40** (and change it to your liking)
For the pitch factor use the dynamic setting with a min speed value of **25** and a max value of **20**

FLCH and OPEN modes are better limited to a max Rate of Climb of 5000 and **-2500** for descent.

These can be changed in the MCP or FCU INI file (MinROC, MaxRoc).

Full Screen Forward View

As there is no key command to remove the aircraft's 3D cockpit, you can use this work-around.

- a) For the A320, load MSFS and into the aircraft:
- b) Set the view in the center and as far forward as you can go (see keyboard commands)
- c) Press Ctrl-Alt-0 to save it
- d) Go to X:\Users\User\AppData\Local\Packages\Microsoft.FlightSimulator_[random code]\LocalCache\SimObjects\Airplanes\Asobo_A320_NEO
- e) Edit the Panel.cfg to

```
[CAMERADEFINITION.X]  
Title="0"  
InitialXYZ= 0.447998, 0.810238, 0.372966
```

Where the Z has to be changed, normally to a value 1 or two higher than the one you saved.

Reload the aircraft and press Alt-O (not Ctrl-Alt-O)

Pause/Menu

Due to there not being any firm detection of the menus yet, a workaround is being used for the time being.