

## MSFS2020 Notes for Project Magenta Software

Update: 4 September 2020

Feedback: [support@projectmagenta.com](mailto: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

[continues on next page]

## 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/Menus

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