

# Flypad Gauge for Microsoft Flight Simulator X SP2 or SP1



Version1.0

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## **Introduction**

This gauge has been developed on Win7 for FSX Flight Simulator SP2 or SP1. It should also work with Acceleration, but this is not guaranteed by the author. The gauge is a little extra addon based on the design of a smart phone and provides 9 different displays which are different from all of the standard gauge displays on a regular aircraft panel. It is mainly helpful for the user flying small propeller aircraft, and old timer aircraft. However, the displays are as well attractive for sim pilots flying modern jet aircraft. Use it as if you just grabbed to your smart phone during a flight and check on the status of your aircraft, or how the terrain awareness situation looks like, how the AI traffic on the radar is, while you proceed with your flight plan. Enjoy the new design of a simple aircraft attitude display during an ILS approach.

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Credit goes out to:

Bob Familton for his review and testing of the product. Bob McElrath for his excellent FS9GPS MODULE documentation. To Geoffrey Bogeaus for a final review.

## Installation

Note: The format for the gauge below is developed for a 4/3 monitor. If you use a 16/9 Monitor then remove the // from the **//window\_size= 0.174,0.465** and put the two slashes (//) in front of the **window\_size= 0.232,0.465** entry.

1: Copy the Flypad.cab file into your aircraft panel folder, or into your FSX main gauge folder, if you want to use the gauge for all of your aircraft.

2 : A new window is required for the panel.cfg. To do so, insert in the [Window Titles] section the following entry:

### **windowxx=Flypad**

where XX above is the next window number

and the following new window entries:

----- **Flypad Window** -----

```
[WindowXX]
Background_color=0,0,0,0
size_mm=465,685
window_size_ratio=1
visible=0
ident=1904           //Don't change this
position=0
nomenu=0
sizeable=1
no_luminous=0
window_size= 0.232,0.465
//window_size= 0.174,0.465 //Use this entry if you have wide screen.
window_pos= 0.010, 0.040
```

**gauge00=FlyPad!FlyPad, 0,0,0,0**

where **XX** above is the next window number.

3: You have 3 options to open the Flypad window on your panel display.

- a. Use the FSX "View Instrument Panel" drop down menu.
- b. Use the the comma key on your key board.
- c. Use a Flypad icon as a click spot on your 2d panel.

- a. Use the FSX “View Instrument Panel” drop down menu.  
Use the function in order to open and close the Flypad.  
This can be used for the 2D panel and for the VC panel.
- b. Use the the comma key on your key board.  
To use the comma key on your key board, you must insert  
a new entry into the main window [Window00] of the panel.cfg:

**gaugeXX=Flypad!Key\_Comma, 0,0**

where XX above is the next gauge number.  
For the VC you need to insert this entry too.

The comma is an unused character in FSX. Both functions – the key input and the FSX command menu function can co-exist. So, you can use one or the other.

- c. Use a Flypad icon as a click spot on your panel.

This is the click icon to open the Flypad:



To use the icon, you must insert this new entry into the main window [Window00] of the panel.cfg:

**gaugeXX=FlyPad!FP\_ICON, YY,ZZ,15,15**

where XX above is the next gauge number, and YY the horizontal, ZZ the vertical position on your panel. The expression 15,15 is the size of the icon. You can enlarge the icon size, if you change the 15,15 to 20,20 for example.

Thats it.

## Example for the standard B737-800 panel.cfg :

```
[Window Titles]
window00=Main Panel
window01=Radio Stack
```

```
.....
.....
```

```
.....
Window09=Mini Panel
```

### **Window10=Flypad**

```
//-----
```

```
[Window00]
file_1024=737-800_panel_background.bmp
file_1024_night=737-800_panel_background_night.bmp
size_mm=1024
position=7
visible=1
ident=MAIN_PANEL
```

```
gauge00=B737_800!pfd_screen,          189,548
gauge01=B737_800!pfd,
```

```
.....
.....
```

```
gauge32=SimIcons1024!Radio Icon,          565, 448
gauge33=SimIcons1024!Other Controls Icon,  587, 448
gauge34=n_number_plaque!n_number_plaque,  95,731,67,19
```

```
gauge35=FlyPad!Key_Comma, 0,0
gauge36=FlyPad!FP_ICON, 410,448,18,18
```

You can have both entries in your panel.cfg, so you can open the Flypad via the icon or the comma key in, or using the FSX control bar selection also.

```
//-----the new Flypad Window -----
```

```
[Window10]
Background_color=0,0,0,0
size_mm=465,685
window_size_ratio=1
visible=0
ident=1904 //Don't change this
position=0
nomenu=0
sizeable=1
no_luminous=0
window_size= 0.232,0.465
//window_size= 0.174,0.465 //Use this entry if you have wide screen.
window_pos= 0.010, 0.040
```

```
gauge00=FlyPad!FlyPad, 0,0,0,0
```

```
//-----
```

This is the entry for the VC section :

```
gauge29=FlyPad!Key_Comma, 0,0
```

## Operational Instructions



Click on the power ON symbol on the top left corner to open the cover of the Flypad, and the screen display with the associated buttons will be shown. A click on the CLOSE field on the bottom of the display will close the window.

After a click on the power ON symbol the following display will be shown:  
The display shows all the different screen display click buttons, and the night symbol ( a little moon icon) on the top right corner. A click on it will change the background light color for the Flypad.



A click on one of the 9 symbol buttons will activate a dedicated screen display. A click on the aircraft symbol for example, will give you this screen:



Click on the **HELP** button to get more information about the different screen displays.

A click on a different button will automatically close the current screen and open the one selected..

On your active aircraft panel you can move the Flypad gauge with the mouse on any position you want, and you can change the size of the gauge with the mouse easily too.

Enjoy this little helper.