



Baron 58 2D Panel
(For FS 2004 and FS2002 Pro)
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1. Introduction

Thank you for downloading this manual. Here you will find the installing instructions, description and user instructions of customized gauges for the Baron 58 2D panel for FS2002 Pro or FS2004 Editions.

There are very good and complex panels you can acquire in the market but, often, most of them require to open and close a lot of windows all the time, some of them covering others without any kind of integration with the rest of the panel elements.

The idea that leads us to develop this panel is very simple: a panel in which you can see, read and handle as many gauges as a medium quality monitor screen allows, using the minimum number of windows, with a gauges layout as real as possible and where you can open any new window clicking somewhere in the panel, with no need of using keyboard (also available, of course), making easier to use the panel. With this Baron 58 2D panel you will use just one view of the panel most (or even all) of the time.

Please, read this document entirely, specially section 5 (remarks).

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2. Installing the panel

This panel requires a screen resolution of 1024 x 768 or higher (1240 x 1024 recommended).

1. Run the installation program.
2. When prompted for the directory where you want to extract the files, enter the path to the directory where the files will be extracted or browse to it. We recommend to create a temporary folder and extract the files there.
3. When finish extraction go to that folder.
4. There, you'll find these folders: Gauges, Panel and Sounds, and the files Readme.txt and BaronEn.pdf.
5. Copy Gauge folder contents to your FS2004 or FS2002 Gauge folder, normally:

[your disk letter]:\ [your folder name for FS2004 or FS2002] \ Gauges

6. Copy Sounds folder contents to your FS2004 or FS2002 Sound folder, normally:

[your disk letter]:\ [your folder name for FS2004 or FS2002] \ Sound

7. The Panel folder contains just the new bitmaps and the ones that has been changed. Under FS2004, copy Panel folder contents (BaronB58_2.bmp, ThrottleQuad.bmp and Panel.cfg) to the panel folder of the plane which you intend to use this panel with, for this plane it would be:

[your disk letter]:\ [your folder name for FS2004] \ Aircraft \ beech_baron_58 \ panel

Under FS2002, copy Panel folder contents (BaronB58_2.bmp, ThrottleQuad.bmp and Panel_FS02.cfg) to the panel folder of the plane which you intend to use this panel with, for this plane it would be:

[your disk letter]:\ [your folder name for FS2002] \ Aircraft \ beech_baron_58 \ panel

then **rename Panel_FS02.cfg to Panel.cfg**

In most cases you need to keep in the original folders the rest of the files found there. **Care to backup any file there you want to keep.**

8. Copy Readme.txt and BaronEn.pdf wherever you like and you can refer to them if you need it.

Your panel will be ready to load when you choose the aircraft you attached it to under FS2004 or FS2002, but first please read carefully section 5 (Remarks) at the end of this document.

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3. Panel



A Real Panel

The FriendlyPanels Panel Views



Normal view: Almost everything you need for simming, in sight.



Showing GPS (under FS2004). Perfect integration with the rest of the panel. No window spoil your landscape view.



Showing Throttles



Nav-Comm Gauges Zoom (in case your eyes need it)

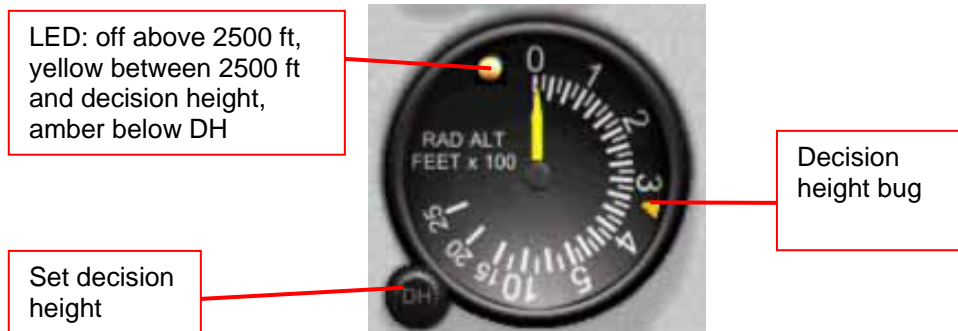
It is **highly recommended** to open and/or close windows clicking on simicons, instead of using SHIFT+# to preserve the views layout.

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4. Gauges

Most gauges are FP design for better visibility, although they work exactly like the ones in FS2004 or FS2002. Here follows how to handle gauges which may have some differences with the ones included in FS2004 or FS2002.

RADIO ALTIMETER



OUTSIDE AIR TEMPERATURE



RMI



AUTOPILOT CONCERNED GAUGES



FLIGHT
DIRECTOR
SWITCH

AP SWITCH

SIM
RATE



INC – DEC
FUNCTION
VALUE

SWITCH
ON / OFF

RESET
ALT, BP & VSP
VALUES



SWITCH ALTITUDE
SELECTOR



SWITCH BAROMETRIC
PRESSURE SELECTOR
(IN MM or INCH HG)



SWITCH V SPEED
SELECTOR



SWITCH DECISION
HEIGHT SELECTOR
(meters)

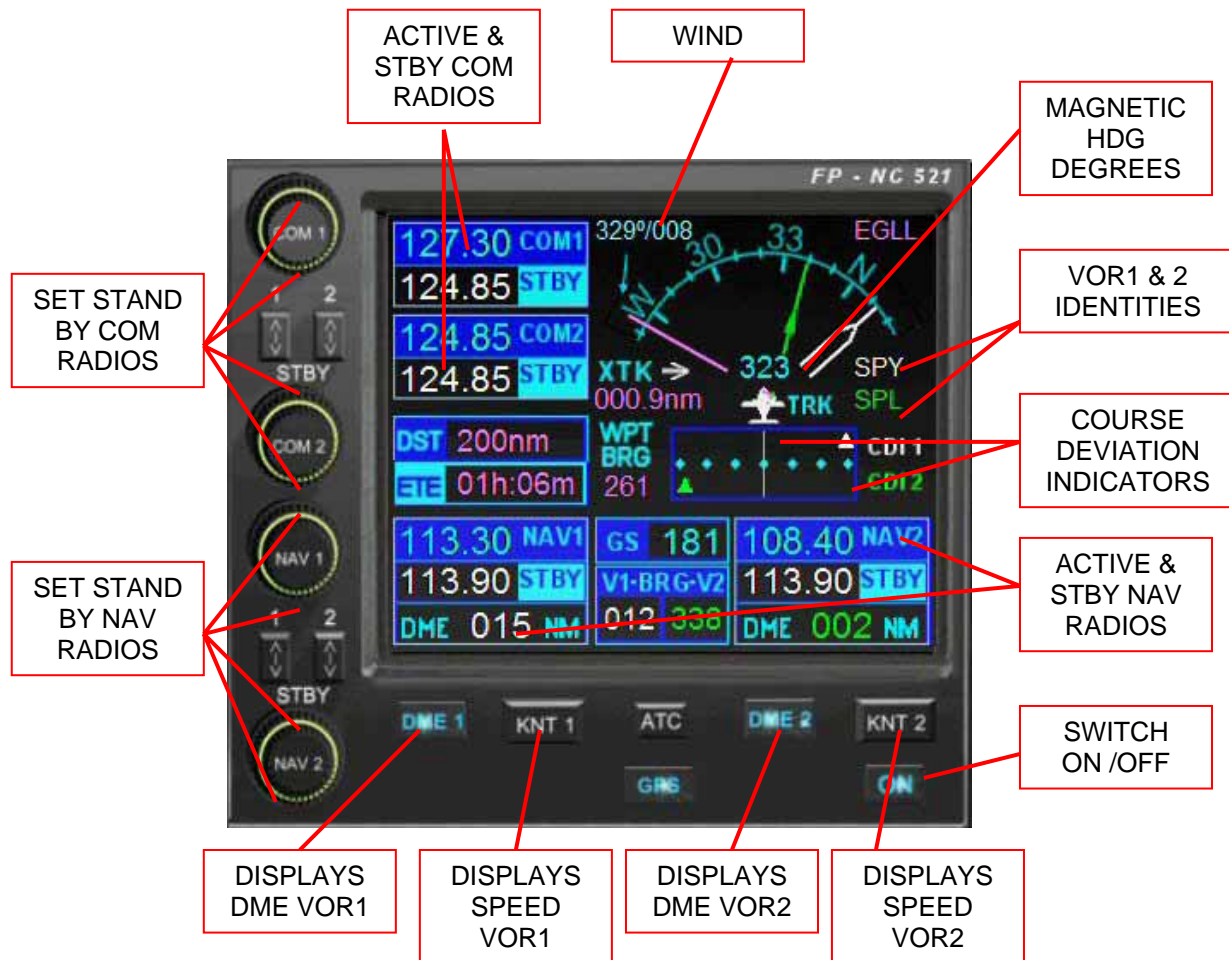


SWITCH FUEL
LEFT DISPLAY



SWITCH RAD
HEIGHT DISPLAY

NAV-COM GAUGE



ADF - XPNDR



CHR & RST buttons: Clicking for the first time on CHR button light it and starts Stop-Watch. Clicking once more stops Stop-Watch, clicking by third time will start again since the time that was stopped before. Clicking on RST button will reset stop-watch.

ARM button: if you push this button, when the aircraft take off will start a chronometer that will stop next time you touch the ground. You'll know Automatic Flight Time (AFT) is armed (you clicked on ARM button) because the line after FLT changes from "---:--:--" to "00:00:00". Any time you click the button it will invert its status.

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5. Remarks

THIS PANEL MUST BE LOADED FROM 2D COCKPIT FOR THE FIRST TIME. FLIGHTS MUST BE SAVED FROM THIS VIEW AS WELL.

1. You have to take into account that some functions of the panel could not work properly (or not work at all) depending on others aircraft files you're using with this panel. An example is radios section in aircraft.cfg file:

```
[Radios]
// Radio Type=available, standby frequency, has glide slope
Audio.1=1
Com.1=1,1
Com.2=1,1
Nav.1=1,1,1
Nav.2=1,1,0
```

...

If you have just for instance, "Com.1=1,0", your standby frequency for Com1 radio is not available, so when you click the knob in the panel to change it, only Com1 active frequency will be tune. Another example could be the propeller section:

```
[propeller]
...
prop_deice_available=1
```

...

If "prop_deice_available=1" was "prop_deice_available=0" De Ice switch wouldn't work.

2. If you want to use this panel with an aircraft that has a Virtual Cockpit, backup the original panel.cfg of that plane, install this one, then copy the VC section of the original panel.cfg file and paste it at the end of your new panel.cfg.
3. If you don't like to use VC, you can pan around in the 2D cockpit view with this trick. Edit fs9.cfg (make a backup first) with notepad located in:

(your drive):\Documents and Settings(administrator or user name)\Program
data\Microsoft\FS9\fs9.CFG

If you cannot see that folder and file go to menu bar, Tools, Folder Options, See Tab and click on See Hidden Folders and Files. Then you should see the file you're looking for (My Windows is XP Pro Spanish Version, so I don't know the exact names in the menus, but they will be more or less like that).

4. Look for a line like this "pan_rate=400" and add a new line "pan_in_cockpit_mode=1" (without the quotes) after the pan_rate line. Save fs9.cfg. Now, when you start FS2004 you should be able to pan around from 2D cockpit view.

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6. Technical support

If you have any question, please contact FrienlyPanels at:

fpanels@arrakis.es

Web page:

www.friendlypanels.arrakis.es