

## ***Doco needs update!***

### ***General Settings, Tools, Subtleties, Tips, Trouble, do and don't***

Want to have a bigger map, you can stretch it by dragging the corners and you can turn it off by just hitting <Enter> , close any dialog by pressing <ESC>

Troubles identifying current position, use Nav1 frequencies to switch between DME s and set the DME switch accordingly.

Things just not working out, go to View, Instant Replay or even better File Save Flight Recorder Tape and you can analyse your flight as often as you wish. Low altitude stall and spin, hit <Ctrl> U to give you more altitude and time to recover.

Want to speed up a long leg, just add a little tailwind. (Environment,Weather,Manual config by layer) or use WindConfig from the Menu.

Do not close a session by closing the window, use the proper file exit and exit option, otherwise your aircraft settings will not be saved.Backup, !!! At least your Scenery folders unless you got it all on DVD or even better burn an image of your disk using a tool like Norton Ghost, so if your disk crashes or the machine dies, the whole lot can be restored in no time.

Machine running slow, close what you do not need, trim down window background services , work offline, get a faster cpu or add a memory stick.....

If constrained by low system resources disable automatic scenery download while flying, download and install relevant scenery beforehand.

Use a ring binder to organise your paper based support materials or your desk will clutter up in no time.

### ***Useful Tools***

E6B Online

<https://www.e6bx.com/e6b/>

VE6B download for in cockpit use

<http://downloads.informer.com/virtual-e6-b/1.4/>

PicPick

Nice Toolkit containing a protractor allowing you to measure any angle on the screen

<http://ngwin.com/picpick>

Worldwide navaid listing

Listings by country, which airports have VOR, NDB, etc including range

[http://www.openaip.net/navaids?field\\_openaip\\_navaid\\_type\\_value\\_many\\_to\\_one=2&title=&field\\_openaip\\_navaid\\_id\\_value=&field\\_openaip\\_navaid\\_country\\_value\\_many\\_to\\_one=14](http://www.openaip.net/navaids?field_openaip_navaid_type_value_many_to_one=2&title=&field_openaip_navaid_id_value=&field_openaip_navaid_country_value_many_to_one=14)

You most likely love this one - [www.vatspa.es/index.php/es/pilotos/manuales-y-tutoriales?download=42:handy-sheet-30](http://www.vatspa.es/index.php/es/pilotos/manuales-y-tutoriales?download=42:handy-sheet-30)

GPS to decimal converter: <https://www.latlong.net/degrees-minutes-seconds-to-decimal-degrees>

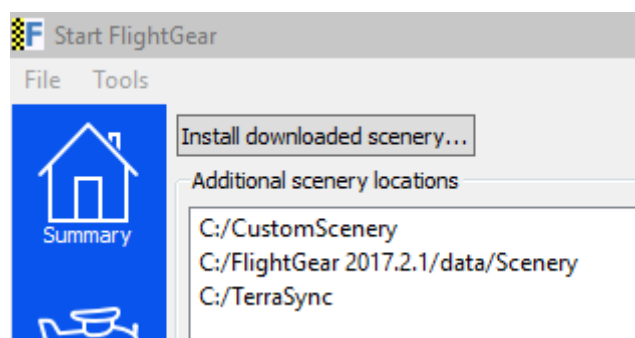
## Custom Scenery

Some Terrasync Airports are nicely developed while others just may consist of a runway like at the time of writing LOWW (Vienna) for example has just a tower and runways.

Checking out the FGWiki you will find there are a number of custom sceneries for specific regions and airports available for download, usually from github.

Depending on your FG installation, OS, you need to be specific where you install relevant scenery files as there is the generic scenery folder within the root file, then a folder for the Terrasync downloaded files in some odd place and then you need to tell FG where to look for scenery in your launcher.

If you use Custom Scenery create a separate folder for it and store all your downloaded custom scenery files in there like terrain, objects, osg, airports, etc.  
Your launcher should show something like this:



so FG look in custom first, then the generic then into Terrasync

## QT Launcher cleanup or replace

For those not happy with the design and shortcomings you can resort to downloading, installing an old version of FGRun and change the path to your current version of FG, or use another frontend like FFGO.

Alternatively if you just want to cleanup all those unsorted lists, one brute option is to delete the entire cache. Under Win10 from the command prompt run %appdata% and delete the entire Flightgear.org folder.

On startup FG will rebuild the folder without the history. However save your commandline options first because they will be gone.

## Trouble Shooting

- no aircraft or glider ... most likely not renamed master to PA28-Warrior

-flight history not recording flight time, most likely closed fg using the window button rather than file exit

or takeoff from terrain rather than runway or you crashed

Hud altimeter tape not showing value of altimeter – most likely have not adjusted altimeter settings prior to start.

Engine stops midair – possible causes are either out of fuel or no adjustment made to mixture above 5000 ft or altitude above ceiling.

Engine not starting at runway or park position – possible cause not followed the cold n dark procedure, or insufficient fuel or battery dead.

Aircraft banks on approach some 50ft above ground – turn off the autopilot beforehand and adjust for crosswind

Framerate low or machine running slow. Should have a fast processor and heaps of memory.

FG dies very frequently – possibility of too many resets, reset is known to forget things and crashes, better off restarting FG.

All park positions are occupied – disable AI traffic and AI models

-Starting in the dark and there is no flashlight on – you need to turn on ALS in View Rendering

-Manual Startup aka cold n dark, engine does not fire..., check the Voltmeter on the far right, if 0 replace your battery

Menu option -Toggle ViewBar sometimes needs 2 clicks – that tends to happen if the previous flight was started via quickstart or a scenario

Engine startup smoke no longer works – View, Rendering options needs a check in particles

Starting in the dark – most likely airport in different timezone, set a startup option like morning, afternoon etc.

Pilot OAT Lcd does not light up at night – will be addressed soon

Using the a scenario or quickstart I end up at some other airport than the one I typed – most likely entered a non existent runway, in which case FG resorts to the default airport of the FG Version.

Backseat passenger(s) disappeared – that happens if there is no weight specified in the Weight and Fuel or Mass and Balance dialog, same applies to the baggage.

Some instruments turn black or weird – that can happen if a view is overzoomed or the result of a bad graphics adapter, try to reset the view either from the reset button on the viewbar or use default from the Adjust Pilot Seat menu option.