

Specialist Report : Simugliding

Dedicated Glider Simulators

There are now 4 glider simulators on the market :

SFS (German)	www.sfspc.de/
Sailor of the Sky (Spanish)	www.sailorsofthesky.com/
Silent Wings (Norwegian)	www.silentwings.no/home/
Condor (Slovenian)	www.condorsoaring.com/

An extremely interesting feature of Silent Wings is the possibility to replay a real flight from an igc file (provided you have the scenery for the area in which you achieved the real flight). The Simulator allows to show your own glider with the right ID in flight as well from the outside than from the inside in the virtual environment. It is amazing to revive a flight and for example to watch the vario from the inside of the cockpit during a thermal or to fly along a ridge like in real.

It is also to be noted that this Simulator is the base of the tracking system successfully used at the first World Sailplane Grand Prix in September 2005.

Generic Flight Simulators

Flight Simulator 2006 from Microsoft should be released in 2006 and will probably include a better modelisation of the atmosphere as well as new sailplanes
For more details see: [www.flightsim.com/cgi/kds?\\$_=main/notams06/fsx0104.htm](http://www.flightsim.com/cgi/kds?$_=main/notams06/fsx0104.htm)

Xplane This interesting simulator can also be used as a fairly realistic glider simulator. The latest version is version 8 : www.x-plane.com/

Glider Simulator with 3D motion

The Austrian company SCE SystemEngineering has developped a glider simulator with 3D motion platform:

www.sce.co.at/
www.flightmed.com.au/Cirrus_05.html

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