

## Welcome to Leonardo XC Server

Written by Administrator

Thursday, 17 December 2009 10:28 - Last Updated Monday, 21 December 2009 09:48

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Leonardo is a server for logging glider (paragliding at this time) flights over the internet. The flights can then be presented in a nice interface, statistics can be viewed for all the flights or a selected subset of them, and various Leagues (XC distance) are formed.

On its present form it is suitable for small to large gliding communities but its design is flexible enough to cope with ever larger groups.

Here are some of its features:

1.

Flight analysis and scoring both open distance and OLC type

2.

Each flight can be viewed and the track log can be downloaded. In the flight analysis window the flight is shown on a map of the area. 4 graphs are also available, showing altitude over time, speed over time, vario over time and "distance from takeoff" over time especially valuable on XC flights.

3.

The takeoff and landing location are calculated automatically based on a database of known points.

4.

The data can be presented in a number of ways sorted by pilotName, duration, distance, olc score, takeoff Name, etc

5.

There are 5 competition leagues: open distance, FAI triangle, olc scoring, flight duration, and altitude gained over takeoff.

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6.

There is a powerfull filtering on almost all fields of the data.

7.

The uploading of the flights is *\*very\** easy : just one click

8.

Multilingual (currently in 23 languages)

9. Very cool display in Google Maps and Google Earth. Cooperates with 3rd party Plugins for extra cool display in GE.

10. Connects with the 2 major global flying sites databases to link to more info about the flight's start point

11.

Automatic - multiple uploads of many flights in one zip file

12.

Automatic submission of XC flights to central servers that form a global **XCnet**

13. Works in either standalone mode or in Distributed mode acting either as a Client or Server. In Client mode it send all the local flights to the XCnetwork, in Server mode it can act as a primary node of the **XCnet**

Features to come ..

14. Comparison of flights on the same page

15. More statistics for pilot

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The source code / installation can be [downloaded from here](#)