

## How To Use Leonardo

On the main Leonardo page you will see all the So Cal XC League competitions listed that are currently running. To see the overall results of a comp simply click on the "Total Results" link. If you want to see the results of one of the tasks within the comp click on one of the "Task Name" links. If you enter into a task you'll see the task information on the left of the screen and the map (that you can enlarge by clicking the tab at the top of the map) on the right. If you scroll down the task page you'll see the results of the task as well as options to view flights on the left hand column. If you run your mouse pointer over the icons within the left hand column you'll see that you're able to look at your flight in several different ways. You can take it one step further by checking the boxes next to more than one pilot to view and compare the flights together using all the available options. To do this just check the boxes of the pilots whose flights you would like to compare and click on the "With Selected" link at the top of the left hand column. Choose any of the available options from the drop down list and have a little fun. You will not be able to view track logs that extend past 5 p.m. on Leonardo. It's just a flaw in the program and there's nothing that can be done about it at this time.

**"Compare Animated Flights"** brings up a 2 dimensional page that compares the selected flights on a topo map and also gives you statistical and graphical data.

**"Animate Selected Flights"** brings up a similar page to compare the flights but also allows you to animate them. Just click the play button and watch what happens - way too cool! You can change the speed of the animation as you like. There are several other options on the right side of the map to play with as well.

The next two options available **"Open Flights in Google Earth"** and **"Animate Flights in Google Earth"** require that you have internet access and Google Earth loaded on your computer. If you don't have Google Earth already, download it online and it will blow you away with all the great features it provides.

**Assuming you have Google Earth;** load the program and you'll see the flights you selected to compare listed on the left hand column of the page. Just below the listings you'll see a button that plays a tour of the selected item in the list. Click the button and play around with the controls to view the flights from whichever angle or height you like. If you're animating flights in Google Earth you can adjust the controls just as you had in the Leonardo page. The flights being viewed will also have the turnpoint radius shown as well. To change the transparency of the radius or get rid of them altogether, uncheck that option that's listed below the highlighted flight on the left hand side of the page. Using Google Earth takes some getting used to, but once you get the hang of it you'll spend more time using it than you should - trust me.

That's pretty much all that needs to be explained, the rest is up to you to try things out and explore - have fun.