



Orange County Soaring Association



Zero Sink

The official newsletter of the Orange County Soaring Association Second Quarter

Spring Thoughts

The Orange County Soaring Association is a non-profit organization that was established in 1959 to promote and teach soaring and provide soaring activities for association members and their families.

Our general meetings are usually held on the third Saturday of each month at Hemet-Ryan Airport in Hemet, Ca. In addition to reviewing club business, our general meetings include social activities and programs covering a variety of topics related to the sport of soaring.

For more information about the club, email Membership Chairman Larry Tuohino larswan@aol.com

Club operations are conducted at Hemet-Ryan Airport. Call (951) 658-6577 for directions to the airport, or go to our web page at <http://www.ocsoaring.org>

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Spring is here and a young pilot's thoughts should turn to flying. While the last week has brought some early "June Gloom" those that participated in the Coyote Trip discovered some great OCSA-style flying to kick off the season. Have you seen the Coyote YouTube video? It's at:

http://www.youtube.com/watch?v=3rdsB_aIUf4

OCSA is doing very well. Tony now has all four ships up and flying. Remember, use your "superior judgment" to avoid situations requiring "superior pilot skills" and we will keep doing well as a club. Let's keep them flying!

Now is the time to refocus on flying for what YOU need to accomplish. For some it's still to get to "solo" and for many others it should be to get to "Silver Badge" level. To help you get there, the club is flying "two tracks" this summer depending on your needs.

The Grob 103 will soon leave for Tehachapi for the summer. Many of the club's private ships are up there for the summer. The idea is to have the 103 available for "Intro to Cross-Country" training. Note this does not mean the official club instructors are available for Tehachapi. Rather, individual XC experienced member pilots will be teaming up to bring our middle level pilots up to XC proficiency. If you need pre-solo lessons, if you want logbook instructor entries; that all remains in Hemet with two Blaniks now available. If you are near Bronze level, the Tehachapi Grob and the Hemet PW-5 are your program. The hardest part of the Silver Badge is the 5 hour flight, so I recommend attacking it first. The PW-5 often sits forlorn...it is your tool, use it!

The Tehachapi Campout is next, over the Memorial Day weekend. I hope everyone can make this campout. We will have two two-place ships so lot's of seats. We will have instructors there so even pre-solo students can build time. Great RV sites and tent campsites are available. Pot-luck BBQ Saturday and OCSA at Kelcy's on Sunday. Be there!

Make It Safe, Make It Fun!

Larry Tuohino

OCSA President 2008

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Flight Instruction

Please contact the Flight Instructors well in advance by phone or email so they know they are needed on their scheduled days. They are under no obligation to appear at the airport unless notified.

The preliminary instructor schedule is listed in the calendar in each issue of Zero Sink. Always check the OCSA web site for the latest schedule.

Minutes from General and Board meetings can be found on the Members page of the OCSA web site.

Flight Operations	Membership Fees	Dues
Club operations are conducted at Hemet-Ryan Airport in Hemet, CA with the following aircraft:	General Membership \$25.00	Monthly dues and any past-due amounts are payable on the first of each month. Send checks to:
Grob 103 N158SS	Flight Group initiation \$300.00	
Blanik L-13 N82756	Student initiation \$150.00	OCSA C/O Jerry Snedden 15403 Colleen Ct. Riverside, CA 92508
Blanik L-13 N25BS	Family initiation \$150.00	
PW-5 N982PD	Flight Group monthly \$55.00	
	Student Flight Group \$25.00	
	Family Flight Group \$25.00	
	Discount: Pay for 11 months up front, and get 1 month free.	

2008 Just-for-Fun Contest

Remember to enter your flights in the OCSA Just-for-Fun Contest. Dual flights count too, so students can team up with an experienced pilot and work on increasing their altitude, distance, or duration. See the complete rules on the OCSA web site.

Learn to Crew for Cross-Country

Dave Raspet (SAS) needs crew for the 2008 cross-country season from Crystal. All expenses paid to crew for weekend. See long distance soaring up close and personal. Contact Dave at 714-962-8575 or raspets@aol.com.

Blanik Acquisition

OCSA has purchased not one but *two* Blanik L13's to augment the club fleet. One is now in use for instruction and fun flights. It's known as N25BS, and it flies great after some TLC from Tony Davis and others. The other ship needs a little work. A *little* work? Well, it looks like the Tin Man of Oz after the tornado... It's completely disassembled because the previous owner was restoring it from scratch. It and a number of new and old spare parts came as a package deal that was too good to pass up. At this time the club leaders are deciding how best to dispose of this sizable collection of Blanik parts.

Coyote Dry Lake Trip

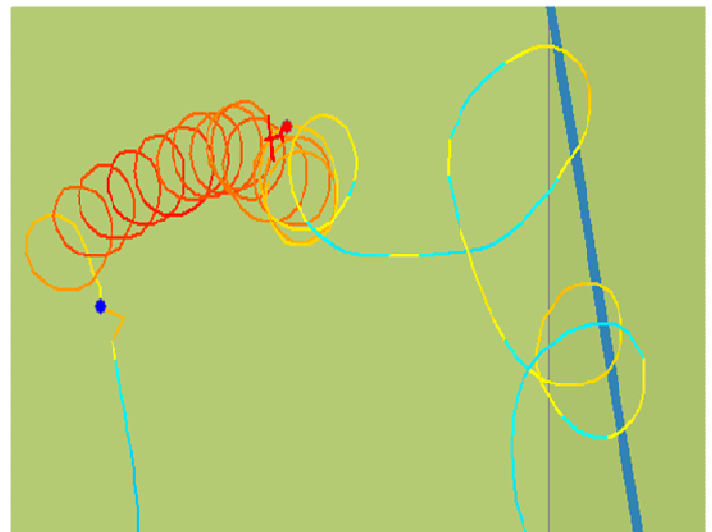
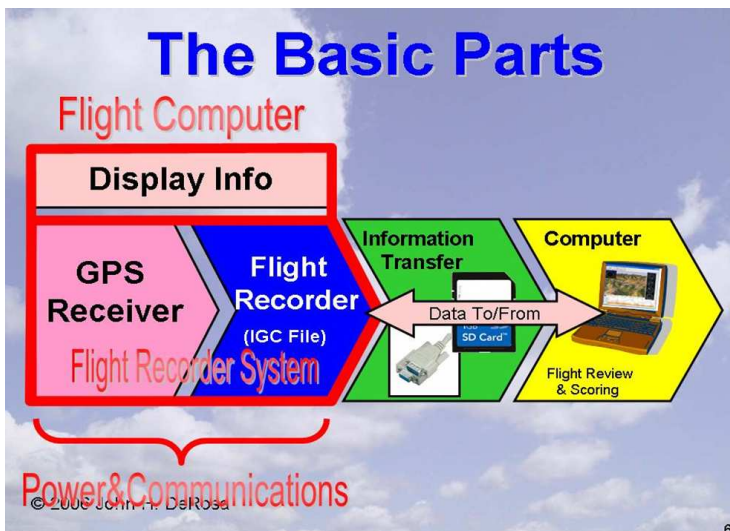


Beginning GPS>SeeYou>OLC by Larry Tuohino

The linkage of GPS data recorders to mapping software to an international flight scoring website has expanded the fun of flying XC. Note- Completion of Bronze Badge instructional requirements is the instructional process to starting cross-country flying.

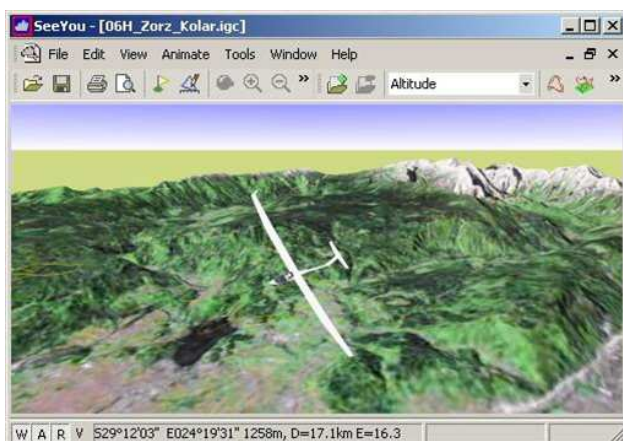
- Allows simple post flight review for fun and analysis (CU)
- Updates instantly via internet to increase intensity (OLC)
- Learn from others by viewing their flight logs (OLC/CU)
- Formation of virtual teams, airports, regions, countries (OLC)
- Comparison of multiple flights from different days (CU)
- Year-long global decentralized no-fee contest (OLC)

USING IT TO LEARN INTERMEDIATE XC



The Basic Parts:

GPS data recorders can be simple hand held devices to sophisticated integrated “flight computers”. The key is to record 8 hours of lat/lon position and barometric altitude data. OCSA owns a Volkslogger “secure” data recorder for records and badge use. Instructions to operate the Volkslogger are on the OCSA website. You need a DB-9 serial port on your PC or PDA to download flight data. A soaring software program (SeeYou, StrePla, etc) is helpful for inputting badge tasks (though this is possible via the Volkslogger’s internal software).



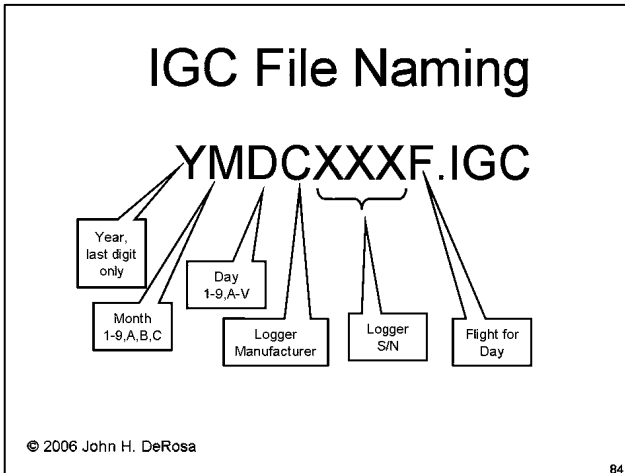
SeeYou is a flight planning and analysis tool for glider pilots. It is designed for both desktop and notebook PCs. Its functions before the flight allow you to plan tasks, manage way-point lists and upload all that to the GPS device. After the flight, it allows you to download flights from GPS devices, see your flight on maps, explore its details through Statistics, relive it in 3D view, and provides an easy upload to OLC.

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OLC (On-Line Contest) is a web-based decentralized shared scoring program for cross-country flights, free from the burden of flight declarations, and thus allows an easy and timely comparison of cross country flights. Site can be searched via scoring regions/continents, airports, competitor, flight dates, or club. By clicking on “info” button additional info on flight is displayed and download of actual GPS file is possible. Under “Competitor” one may register. OLC is free.

IGC File is the format for soaring data. Completely understandable if you’ve memorized the following. ;-)



Numbering Breakdown =====	Manufacturer of Data logger =====	Day of Month =====
Month of year ----- 1 = January 2 = February 3 = March 4 = April 5 = May 6 = June 7 = July 8 = August 9 = September A = October B = November C = December	A = Garrecht C = Cambridge E = EW Avionics F = Fiser L = LX Navigation S = Streamline data instruments W = Westerboer X = All other manufacturers	1 = 1 2 = 2 3 = 3 4 = 4 5 = 5 6 = 6 7 = 7 8 = 8 9 = 9 A = 10 B = 11 C = 12 D = 13 E = 14 F = 15 G = 16 H = 17 I = 18 J = 19 K = 20 L = 21 M = 22 N = 23

Full technical specs for the IGC files can be found at:
http://www.fai.org/gliding/gnss/tech_spec_gnss.pdf
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Resources:

1. Free SeeYou training is available online at- <http://www.youtube.com/watch?v=TuCcQsBX3Bk> SeeYou Software is available at <http://www.cumulus-soaring.com/seeyou.htm> for \$179.
2. OLC is online at <http://www.onlinecontest.org/olc-2.0/gliding/getScoring.html?scoringId=1&last> Cost is free with a small donation requested.
3. <http://www.craggyaero.com/> Richard Pfiffner’s website
4. <http://www.cumulus-soaring.com> Paul Remde’s website
5. Volkslogger manual is downloadable off the OCSA website under the PW-5 info



June 2008

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7 Tony Terrigno <i>Hemet-Ryan air show cancelled</i>
8	9	10	11	12 Board meeting	13	14 Rob Morgan General Meeting Family Contest
15 Family Contest	16	17	18	19	20	21 Mary Rust General Meeting
22	23	24	25	26	27	28 Peter Foley
29	30					

July 2008

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5 Jim Bagley
6	7	8	9	10 Board meeting	11	12 Tony Terrigno
13	14	15	16	17	18	19 Rob Morgan
20	21	22	23	24	25	26 Mary Rust
27	28	29	30	31		

Instructor schedule is always subject to change. See the OCSA web site for updates.

August 2008

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7 Board meeting	8	9
10	11	12	13	14	15	16 General meeting
17	18	19	20	21	22	23
24	25	26	27	28	29	30 Tehachapi Trip
31 Tehachapi Trip						

OCSA & Regional Activities

September

- 1 Labor Day Tehachapi trip
- 1 Board meeting @ Tehachapi
- 6 Dust Devil Dash
- 20 General meeting

October

- 2 Board meeting
- 18 General meeting

November

- 6 Board meeting
- 15 General meeting, elections

December

- 7 Holiday party & awards

March 2008 Work Day





Orange County Soaring Association



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Dated material—please deliver promptly

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