

Gull Wings

Torrey Pines Gulls Radio Control Soaring Society

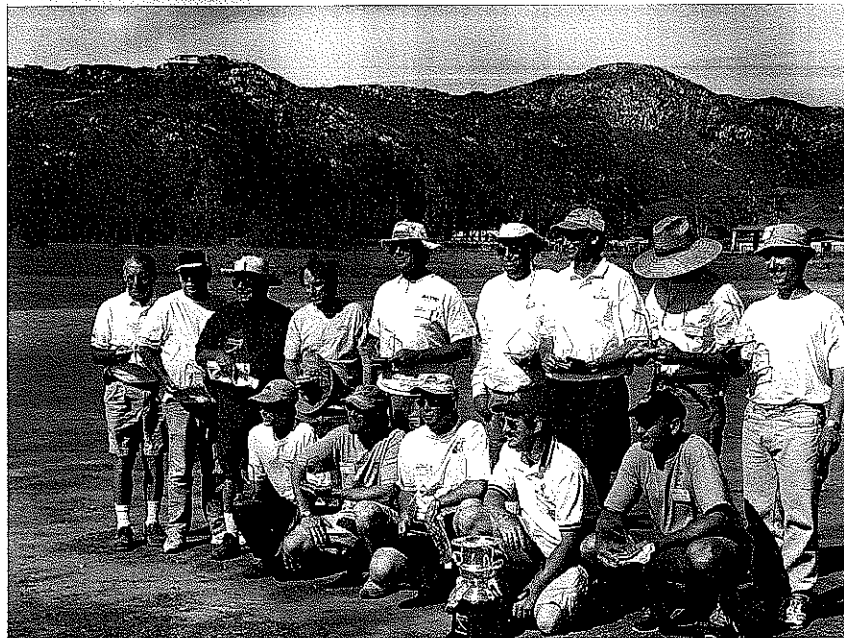
June 2002

Joe Wurts Wins 2002 IHLGF

Tom Clarkson, TPG Hand-launch Coordinator

Dynamic Soaring Festival, Cape Blanco, OR

Pictures and Text by Bob Bingham



2002 IHLGF Winners



P.O. Box 370356
San Diego, CA 92137
www.torreyпинesgulls.org

Right: Radar guns track
a very fast sailplane at
Cape Blanco

The 2002 IHLGF in Poway California just concluded several hours ago. Nearly 80 pilots had great weather and super hand-launch conditions, including light thermals, strong thermals, and variable thermals. One round in particular had very strong lift and sink cycles. Another heat may have set a record for the smallest number of pilots completing a round. 13 pilots started. 6 finished. The rest were blown down wind and had to take very long walks for their planes. Quite exciting.

There were many different planes flown, much more variation than in previous years.

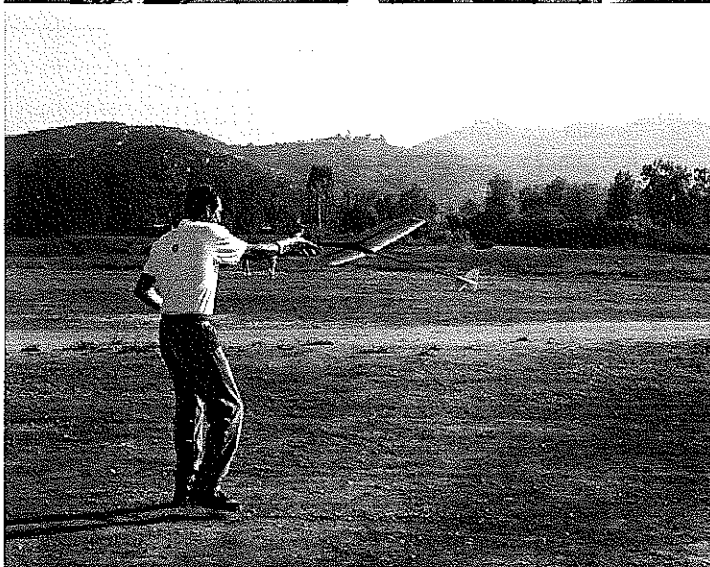
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What could beat getting some fast slopiens together for an attempt on the DS world record? Well, doing it for sure! Three pilots beat the old record of 174 to found a whole new club to themselves; 180 club. But more importantly they did it with style! Tom Seitz broke the record on Thursday's warm-up with a blistering 186mph. Scott Hewitt broke 183 with his Ellipse 2v (modified) and Dave Reese matched Tom's record on Friday during the event to capture top speed honors for the event at the same mind numbing 186mph. Wow!

Friday conditions were good but a bit chunky as the wind shear was very thick and many planes just simply didn't make it to the next day. I counted about 10 fatalities including my wizard, Scott's Ellipse 2v, Barry Baskin's Millennium, Paul Naron's Speed Runner, Joe Wurts Icon, and my Eссорj.

Saturday, the conditions improved on the smoothness, but the velocity wasn't there for an assault on the record so we turned our attention to the other task, which was ten consecutive circles in the shortest time. Joe Wurts had set the bar pretty high the day before, so many people attempted, but no luck. ✈





*Top: IHLGF registrar, Ron Scharck, does some last minute field maintenance
Middle: Mario Sergio de Lucca unpacks his planes after flying in from Brazil
Bottom: Arthur Markiewicz makes the catch*

*Top: Pilot's Meeting
Middle: George Joy makes a light test throw
Bottom: Joe Wurts and his Icon just before launch at Cape Blanco*

*Thanks to Bob Bingham for the Cape Blanco Pictures
Check out the full set at: www.gliderking.com*

IHLGF continued from p.1

The common theme was lighter ships with foils designed in xfoil. Not surprisingly launches were very high, giving great range and spectacular and gutsy downwind runs. You had to be there to believe it.

Thanks to our Platinum sponsor Multiplex USA and our Gold sponsors Hitec RCD, Maple Leaf Design, Futaba, Airtronics, CST, Hobby Club, RC Direct, North East Sailplane Products, S&E Modeler, and Blu Darter. These great sponsors make the IHLGF possible. Remember their great contribution to the hand-launch community in your next purchase. ✂

IHLGF Thoughts

Craig Greening

Having decompressed after a great weekend, here are a few of my thoughts on being part of the IHLGF experience. Nothing like going back to work to bring you back to earth.

Firstly congratulations to Joe for the win, I think that makes five straight and seven overall. To watch Joe

fly hand launch is something else, he's almost superhuman and was unquestionably the best pilot on the field all weekend. When he's carrying a perfect 9,000 plus a 987 throw-out into the finals you know it's going to take something out of the ordinary to stop him from winning. It was all I could do to snag a few points from him in the first fly-off heat and stop a perfect 12,000 point win.

Thanks also to the TPG crew who did an excellent job. The impound crew ran a tight ship and kept things moving well.

The variety of models was interesting. The top ten shows a broader range of types than last year, and mostly flaperon or flapped airplanes. Weights have gone up if anything, my models weigh between 10.5 and 11.5 ounces, I believe this to be typical for four and six servo airplanes now. Certainly the weight is no disadvantage and many people carried ballast on top of this. There was a large number of built up poly DLG's, mainly Photons, and on the whole they were impressive. They seem to be plenty strong enough to handle big launches, though by their nature, they lose a little to a straight wing airplane. On the whole pilot skill seems to have noticeably improved. I only have last year to judge this from but in every heat there were several people to look out for.

I have to say a huge thanks to Denny Maize at

Continued on p.4


Month	Thermal Duration	Hand Launch	Therm RES	Slope Racing	(SC)2 Thermal Other	Gen. Mtg.
Jan	13	26	6			14
Feb	Blown-out	2	na			11
Mar	17	na	10		24 SULA	11
Apr	14	various	na	various	21 ISS	8
May	19 SC2	4 SC2	5	various	19 TPG	13
Jun	23	1-2 IHLGF	na	2 MoM Long Beach 8 F3F Vincent 16 MoM Long Beach, 29 F3F Vincent 6 Unlimited MoM Davenport	30 SWSA	10
Jul	14	na	7	13 F3F Tehachapi 14 MoM (Composites) Tehachapi	28 HSS	8
Aug	18	24	na		25 TOSS	12
Sep	15	na	8		29 EDSF	22 Mod. F3J 9
Oct	13	19	na		20 PSS	5-6 Visalia 20 14 8 cell LMR
Nov	17	na	10		na	11
Dec	8 ToyTots	7	na		na	party

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2002 TPG Officers

IHLGF Thoughts continued from p.3

Polecat Aero who got me a couple of great airplanes to fly, also to Mark Drela and Phil Barnes who had no small part in their creation. And of course to my Team Polecat partner Bruce Davidson (reigning National Champ for those that don't know... :-), for great timing and calling throughout the weekend. Because Bruce made the fly-off also I asked Tim Cone to call for me in the finals and he did a superb job, thanks a million Tim.

Looking forward to next year, CG 

UCSD Wins AIAA Design, Build, and Fly

John Kosmatka

I just got back from Wichita, Kansas where the AIAA Design, Build and Fly Competition was held this past weekend. There were 35 university teams from the U.S. and around the world competing. I am very proud to say that our two student teams were outstanding. One UCSD team (TLAR 3.0), won the competition (and a \$2500 prize) by a large margin based upon a formula that includes flight times, technical report, design innovation, and rated aircraft cost. I believe USC finished second, followed by Illinois. Other notable aerospace schools that competed include; Georgia Tech, Maryland, Texas, Arizona, UCLA, Oklahoma, SDSU, Cal Poly, and MIT (plane couldn't be finished in time).

Our second team (TLAR 3.5) designed and developed a flying wing aircraft that was one of the most innovative design there as well as the most risky. It had an outstanding rated cost score and flew well, but unfortunately, during the very windy competition conditions, it crashed.

This is our third year in the competition, placing 6th
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IHLGF 2002 Scores All Classes



MULTIPLEX USA

Last	First	Class	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	ThrowOut	Total
Wurts	Joe	Open	1000.00	987.23	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	994.50	1000.00	1000.00	987.23	11994.50
Greening	Craig	Open	965.00	1000.00	991.13	1000.00	977.08	1000.00	1000.00	1000.00	943.93	844.07	1000.00	996.30	993.25	844.07	11866.69
Barnes	Phil	Open	996.67	1000.00	1000.00	966.42	977.08	1000.00	888.89	785.10	1000.00	1000.00	910.09	1000.00	989.88	785.10	11729.03
Golovidov	Oleg	Open	1000.00	1000.00	765.49	1000.00	1000.00	874.07	1000.00	986.30	1000.00	1000.00	968.81	792.59	942.66	765.49	11564.44
Markiewicz	Arthur	Open	1000.00	991.49	951.33	725.84	979.48	1000.00	1000.00	991.44	0.00	899.65	994.50	857.41	858.35	0.00	11249.48
Erickson	John	Open	990.38	1000.00	978.59	976.98	977.08	879.63	1000.00	933.98	458.92	956.91	959.63	594.44	853.29	458.92	11120.93
Watson	Bill	Open	987.18	995.24	951.22	905.37	851.85	1000.00	888.89	984.40	771.03	984.43	867.89	755.56	878.58	771.03	11050.61
Kingsbury	Todd	Open	978.30	1000.00	925.05	1000.00	1000.00	953.13	777.78	884.96	878.85	987.48	732.11	748.15	954.47	777.78	11042.49
Davidson	Bruce	Open	996.67	913.98	1000.00	848.05	957.11	1000.00	888.89	880.14	924.27	986.42	785.32	711.11	969.65	848.05	11013.55
Jolly	Larry	Open	998.33	928.57	951.33	736.84	940.30	994.44	1000.00	880.14	948.60	1000.00	871.56	416.67	826.31	736.84	10756.24
Krainock	Jerry	Eagle	1000.00	804.26	1000.00	979.47	1000.00	953.13	888.89	617.70	827.66	996.54	0.00	0.00	0.00	617.70	8449.93
Norsworthy	Greg	Open	998.33	786.92	963.60	1000.00	375.00	935.19	888.89	834.77	1000.00	976.74	0.00	0.00	0.00	375.00	8384.44
Kiesling	Thomas	Open	998.33	993.55	955.03	910.98	912.28	845.49	888.89	839.53	968.55	884.75	0.00	0.00	0.00	839.53	8357.86
Jennings	Gordon	Open	998.33	914.89	1000.00	705.62	795.45	1000.00	1000.00	922.12	779.56	913.88	0.00	0.00	0.00	705.62	8324.25
Siegel	Paul	Open	993.33	987.21	977.88	948.85	613.39	997.77	1000.00	876.08	775.70	739.89	0.00	0.00	0.00	613.39	8296.71
Dionisio	Patrick	Open	988.78	831.22	963.72	919.10	1000.00	805.56	1000.00	867.12	794.39	882.35	0.00	0.00	0.00	794.39	8257.85
Anderson	Paul	Open	998.33	903.53	961.45	892.23	0.00	654.51	1000.00	1000.00	1000.00	838.71	0.00	0.00	0.00	0.00	8248.76
Pettyjohn	Larry	Eagle	1000.00	877.64	973.39	1000.00	864.58	831.72	888.89	833.90	761.52	926.19	0.00	0.00	0.00	761.52	8196.31
Asplund	John	Open	998.33	993.62	953.44	946.07	535.64	843.33	1000.00	1000.00	827.52	259.76	0.00	0.00	0.00	259.76	8097.94
VanGundy	Don	Open	980.00	771.85	1000.00	843.28	960.42	911.11	777.78	743.36	838.57	1000.00	0.00	0.00	0.00	743.36	8083.02
Siegel	Nowell	Open	972.76	877.42	974.30	966.42	886.36	989.27	1000.00	864.03	523.05	425.42	0.00	0.00	0.00	425.42	8053.61
Williams	Robert	Open	991.67	804.71	952.89	729.32	1000.00	899.55	888.89	785.35	699.03	883.30	0.00	0.00	0.00	699.03	7935.68
Akers	Thomas	Open	998.33	757.38	977.63	792.61	453.36	839.46	777.78	1000.00	962.62	813.71	0.00	0.00	0.00	453.36	7919.51
Clarkson	Tom	Open	996.67	857.14	750.00	854.21	937.08	862.67	888.89	410.96	981.13	782.01	0.00	0.00	0.00	410.96	7909.79
Timbs	Norm	Open	1000.00	947.62	997.74	763.86	822.76	1000.00	888.89	805.31	668.22	598.31	0.00	0.00	0.00	598.31	7894.40
Barker	Dick	Open	978.33	948.39	784.58	944.03	972.92	659.26	888.89	576.99	882.60	827.65	0.00	0.00	0.00	576.99	7886.64
Pearson	Jim	Open	998.33	961.29	961.97	696.10	508.52	769.83	888.89	864.82	833.33	901.61	0.00	0.00	0.00	508.52	7876.16
Weston	Adam "Red"	Open	931.67	858.06	1000.00	755.65	576.67	761.80	888.89	824.96	838.46	1000.00	0.00	0.00	0.00	576.67	7859.49
Cone	Tim	Open	988.33	643.92	898.00	909.77	0.00	781.48	888.89	929.55	1000.00	788.91	0.00	0.00	0.00	0.00	7828.86
Bame	Michael	Open	996.67	987.34	932.13	682.84	669.78	806.58	888.89	650.77	862.14	939.18	0.00	0.00	0.00	650.77	7765.52
Pearson	Phil	Open	926.54	938.10	942.35	294.38	643.66	718.75	888.89	1000.00	774.13	750.44	0.00	0.00	0.00	294.38	7582.85



Blu Dartar Models



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Last	First	Class	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	ThrowOut	Total
Johnson	Tim	Open	1000.00	943.53	805.37	724.31	534.11	633.33	888.89	862.01	926.21	728.37	0.00	0.00	0.00	534.11	7512.03
McNeil	John	Open	966.35	653.19	953.02	878.65	0.00	940.74	888.89	737.65	684.62	794.28	0.00	0.00	0.00	0.00	7497.38
Boyd	Ron	Open	880.00	874.20	578.16	960.82	922.92	815.45	777.78	812.82	628.21	811.54	0.00	0.00	0.00	578.16	7483.74
Mierop	Lex	Open	878.21	728.57	855.20	611.25	652.99	820.12	888.89	859.59	941.75	738.14	0.00	0.00	0.00	611.25	7363.44
Brown	Tracy	Open	980.00	744.68	970.52	520.83	287.26	727.78	888.89	789.38	758.91	880.14	0.00	0.00	0.00	287.26	7261.14
Koplan	Terry	Open	902.24	970.21	850.68	80.90	446.39	666.67	888.89	863.01	987.42	678.38	0.00	0.00	0.00	80.90	7253.90
Adams	Chris	Open	848.33	1000.00	906.87	379.78	224.72	921.88	888.89	629.12	830.77	785.47	0.00	0.00	0.00	224.72	7191.10
English	Blake	Junior	950.00	887.23	870.25	445.01	446.02	948.50	777.78	823.63	620.51	794.38	0.00	0.00	0.00	445.01	7118.30
Clerx	Ben	Open	933.33	841.77	836.69	741.69	401.73	970.98	888.89	831.89	354.71	599.32	0.00	0.00	0.00	354.71	7046.29
Siegel	Rudy	Open	921.54	876.19	860.81	591.01	553.98	731.14	666.67	716.81	996.12	636.67	0.00	0.00	0.00	553.98	6996.96
Till	Adam	Open	785.00	740.51	916.49	526.32	656.25	735.19	888.89	743.50	653.31	847.46	0.00	0.00	0.00	526.32	6966.58
Richmond	Don	Eagle	803.33	869.20	722.84	839.02	577.53	756.70	777.78	634.05	654.09	822.03	0.00	0.00	0.00	577.53	6879.03
Cueva	Greg	Open	991.65	894.12	530.20	0.00	829.21	827.85	777.78	810.90	588.79	615.80	0.00	0.00	0.00	0.00	6866.30
Marnoch	Scott	Open	951.67	876.19	922.57	458.43	440.34	520.31	888.89	843.27	515.40	820.47	0.00	0.00	0.00	440.34	6797.19
Joy	George	Open	991.65	908.24	820.80	242.54	241.67	720.37	888.89	755.59	932.24	460.21	0.00	0.00	0.00	241.67	6720.52
Conte	Michael	Open	993.32	738.40	937.36	326.49	287.26	536.48	777.78	795.18	662.14	788.14	0.00	0.00	0.00	287.26	6555.28
Koplan	Chris	Senior	990.00	800.00	791.38	848.48	451.69	683.04	666.67	796.46	422.85	519.03	0.00	0.00	0.00	422.85	6546.75
Stalls	Jared	Open	971.67	696.77	800.44	368.42	678.65	690.74	666.67	796.23	858.97	374.34	0.00	0.00	0.00	368.42	6534.49
Lee	Mike	Open	979.17	898.82	882.09	232.74	483.43	421.66	555.56	796.23	552.36	842.37	0.00	0.00	0.00	232.74	6411.69
Hunter	Cliff	Eagle	883.01	783.53	803.10	574.63	285.10	439.91	777.78	884.68	186.86	865.35	0.00	0.00	0.00	186.86	6297.09
Bingham	Shannon	Open	735.00	795.36	774.34	722.01	431.82	502.15	777.78	800.34	737.86	279.44	0.00	0.00	0.00	279.44	6276.66
Judson	David	Open	998.33	880.00	824.83	522.39	181.43	524.07	777.78	729.78	679.25	289.98	0.00	0.00	0.00	181.43	6226.41
Warner	Garth	Open	936.56	780.38	583.71	679.92	641.67	709.26	666.67	662.67	448.54	338.10	0.00	0.00	0.00	338.10	6109.39
Scharck	Ron	Eagle	970.00	51.61	936.51	280.90	142.30	703.70	777.78	826.69	795.59	602.72	0.00	0.00	0.00	51.61	6036.19
Throop	Terry	Open	884.81	719.05	782.71	472.28	264.20	459.26	777.78	837.57	238.48	786.36	0.00	0.00	0.00	238.48	5984.01
Walba	Rick	Open	0.00	871.43	776.02	414.32	291.58	683.33	777.78	852.74	626.28	531.41	0.00	0.00	0.00	0.00	5824.89
Sergio de Lucc	Mario	Open	0.00	878.46	708.14	394.25	707.87	508.93	1000.00	725.66	406.57	449.92	0.00	0.00	0.00	0.00	5779.80
Hurd	Steven	Open	592.95	812.37	900.23	203.29	103.37	796.88	666.67	625.21	602.56	377.97	0.00	0.00	0.00	103.37	5578.11
Gomez	Emanuel	Junior	755.00	733.48	761.90	206.44	203.02	359.26	777.78	795.57	222.44	867.62	0.00	0.00	0.00	203.02	5479.49
Smith	Herb	Eagle	638.33	653.19	884.37	83.96	847.19	0.00	888.89	772.26	0.00	493.08	0.00	0.00	0.00	0.00	5261.27
Allen	Craig	Open	551.67	608.60	786.85	186.70	0.00	540.74	777.78	538.05	418.89	719.93	0.00	0.00	0.00	0.00	5129.21
Brown	John	Open	655.00	609.81	407.24	416.04	0.00	0.00	333.33	519.93	716.50	727.11	0.00	0.00	0.00	0.00	4384.97
Schulte	Paul	Open	903.85	876.19	922.39	513.35	395.25	0.00	111.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3722.14
Goodwin	Browne	Eagle	975.00	745.24	447.54	123.60	164.77	2.23	333.33	650.77	81.78	0.00	0.00	0.00	0.00	0.00	3524.25
Petrek	John	Open	555.00	507.53	704.70	166.24	0.00	324.07	555.56	166.34	0.00	0.00	0.00	0.00	0.00	0.00	2979.44
Cowley	Martyn	Open	500.00	504.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1004.22



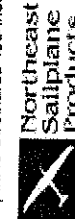
AIRTRONICS Blu Dartar Models



Maple Leaf Design



Composite Structures Technology



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Sunday, June 02, 2002



The Torrey Pines Gulls

in cooperation with

MULTIPLEX USA

International Hand Launch Glider Festival 2002

June 1 and 2

TPG Poway Flight Center - West Garden Road, Poway (San Diego), California

**Thanks to the Sponsors
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Success**

Competition:

- Ten Rounds of Open Competition
- Three Championship Flight Rounds
- Open Class awards through 10th Place
- Junior, Senior & Eagle Class awards through 3rd Place

Pilot check in: 7:00 a.m.
Pilots Meeting: 8:45 a.m.
First Round: 9:00 a.m.

Social Events:

- Thursday and Friday - Field Open for Practice Sessions
- Friday evening - Post-Practice Hamburger Social
- Saturday evening - "All you can eat" Pizza Party
- Free lunch for Pilots both Saturday and Sunday
- RV Parking at field - no hook ups

Organization: CD: Dave Condon - (949) 454-8725 or E-mail davecondon@cox.net
Registrar: Ron Scharck - (619) 725-5434 or E-mail scharck@kw.com

Entry limited to 90 Pilots - Entries must be postmarked no earlier than April 1, 2002.
For full details and entry package go to the TPG Website at www.torrey-pinesgulls.org

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Composite Structures Technology

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