

HSS is the oldest AMA chartered R/C Soaring Club  
 in the USA. Founded 1964  
 Silver Leader Club since 2009

OCTOBER 2009

Volume 46

## THIS MONTH'S HEADLINES

### HSS Membership Enrollment

Membership for 2010 begins in November 2009. Renew your AMA license, then send in the HSS Application found on the next to last page of this newsletter. New HSS members get November and December 2009 at no charge.

### DAY AND LOCATION FOR OCTOBER MEETING

Our next general meeting will be held Tuesday, October 6, 7:00 PM at Round Table Pizza, 11095 Warner (at Euclid) in Fountain Valley. Come for the fun, stay for the raffle. All you can eat for \$6.99. Presentation on aerial photography! Members are invited to show and tell. The executive/steering committee meeting will begin at 6:15 PM. See map on Page 3.

### Coming Events and Soaring Competitions

September - October 2009

The following events are of interest this month.

- Sat-Sun Oct 3-4. **CVRC Fall Soaring Fest.** Duration contest. Russell Pond, 8400 Ave. 320, Visalia, CA 93291. See web site [www.cvrcsoaring.com](http://www.cvrcsoaring.com) for information.
- Sunday October 4. **Fall Swap Meet** hosted by OCRCC. 7 – 11 AM. Garden Grove Elks Lodge. See details on page 9 of this newsletter.
- Tuesday October 6. **HSS General Meeting**, 7 PM. Round Table Pizza 11075 Warner. Exec meeting 6:15 PM. See map on page 4.
- Sunday Oct 10. **Victor Valley RC Flyers. Birthday party and fly-in.** 7000 Arrowhead Lake Rd. Hesperia. See flyer on page 15.
- Sunday Oct 18. **Southern Cal Soaring Clubs final competition.** ([www.sc-2.org](http://www.sc-2.org)), at Encinitas Flight Center hosted by TPG. See [www.torreypinesgulls.org](http://www.torreypinesgulls.org) for map. Details on page 13 of this newsletter.
- Sat-Sun Nov. 7-8. **Wings Over Chino Scale RC Event** hosted by Pomona Valley Model Airplane Club. See details on page 14 of this newsletter.

See Page 12 for complete events schedule.



**Plane of the Month**

Henry Smith is a real enthusiast for the Proctor kits. Here is his latest efforts, with his comments.

"The Antic is not really a scale model. Someone here in So - Cal (I don't know who) is rumored to have built a full size antic using scaled up Proctor plans."

"The model in the photo was purchased as a complete kit in original box at the Pasadena show sometime in the early 90's. This was an old kit made when Lou was still alive and making kits in San Diego. It was test

flown using an OS 52 four cycle motor sometime around 1994. During the model's glow days it had one very hard crash and broke most of the flying wires and both spars on the left wing. After repairs it was back flying and good as ever. I converted it to electric around 2 or 3 years ago. Last winter the model was re-covered with antique Coverite. Jim Hanson made copies of the original decals for me. This kit is still available from Proctor who is now up in Oregon. It is also possible to buy parts for these kits which is pretty amazing since the design dates from the 1960's."

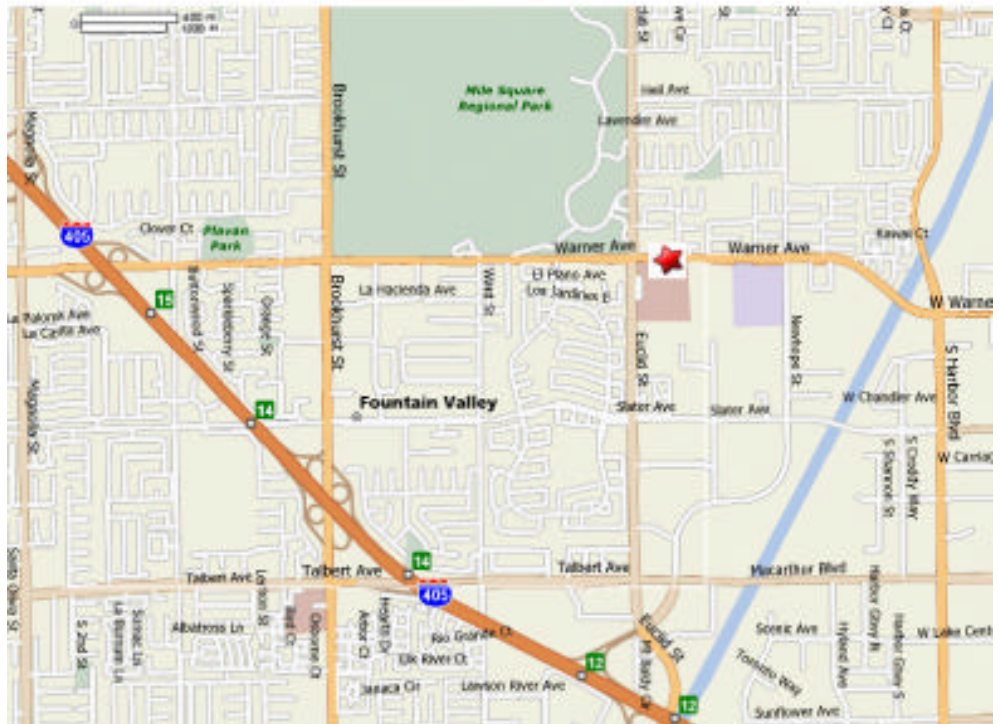
Rob Askegaard, who took the photos, reports that this plane has an 80" span and is powered by an AXI-4130/24 using 7 Lipo cells to swing a 15" x 10" prop.





**October 6th Meeting Notice**

The next club meeting is at ROUND TABLE PIZZA, at 11095 Warner Ave., & Euclid (North-east corner) in Fountain Valley. Phone number is (714) 839-0276. The Family Night rate is all-you-can-eat pizza, plus one salad bar, for \$6.99. Seniors qualify for a further discount (That's older folks, not twelfth graders). Fountain drinks are an additional \$1.99, self-service, or \$2.99 per liter. Beer and wine are available. Bring your wife, family, friends, etc. Hear a presentation on aerial photography. Members are invited to show and tell their favorite model, and we will also have a raffle. The location is shown in the map to the right. The executive/steering committee meeting will begin at 6:15 PM.

**Speakers for October 6 Meeting****SKY SCAN SECRETS**

Lights! Action! Camera! Transmitter!

Ralph Ranalli and Jim Ward reveal amazing RC techniques for aerial video and still photography.

Meet the actual designers/pilots.

See actual photo planes, advanced equipment, and startling TV/photo images.

Learn how U-2 can master this state-of-the art model media!

**New Club T-Shirts**

Karl Hawley has HSS T-shirts. They have the club logo on the back in full color, and a small sailplane on the front. These high quality shirts are priced as follows: T-Shirt, no pocket, \$5; T-Shirt with pocket, \$7; Golf shirt with a polo collar and a front pocket, \$13. These are available to all members. Contact Karl.

**President's Message**

(Editors Note: Henry Smith has been very busy at work, so your editor is substituting.)

The installation of the signs for the city went very well, thanks to all of the help. Unfortunately, removing the old metal posts was a major job finished off by Karl Hawley and Ted Broberg the next day. This earned the club \$1,500. See notes below by Ted Broberg.

Now the remaining issues are:

- |   |   |
|---|---|
| 1. Cigarette butt cans                        | 2. Install concrete winch and turn-around pads.         |
| 3. Begin planning annual Christmas party.     | 4. The raffle prize for 6 November will be a surprise.  |
| 5. Consider getting grass for glider landing. | 6. Review funding for installing a Polypavement runway. |

Regards, Henry Smith, President (by Fred Hesse)



Minutes of September 1, 2009 Meetings

## EXECUTIVE COMMITTEE MINUTES

- I. Meeting was called to order at 6:30 p.m. by club president Henry Smith III. John Anderson showed a DVD of glider soaring in 1985-86. It was made by the city of Costa Mesa, for their cable TV channel. In attendance were club officers Henry; John, General Director; Dennis Anderson, Treasurer; Contest Director Ross Thomas; Safety Officer Karl Hawley; Newsletter Editor Fred Hesse; and Secretary Ted Broberg. Also present for the Executive Meeting were Jon Lamb, Maxine Thomas, Tom Cody, Jim Ward, Jim Sonnenmeier, Chuck Billstrom, John Valentini, Tom Sherwood, John Rittenhouse, Mike Fox, Mark Mondello, Gytis Tamulaitus, Jim and Lori Hynes,
- II. The City has offered to pay the Club \$1500 to put in ten signs around the new trails at Fairview Park. Karl Hawley is organizing the project, using club members as volunteers. Wednesday, September 2 is the Work Day. Further discussion later.

## GENERAL MEETING MINUTES

- I. Meeting was called to order at 7:02 p.m. by President Henry Smith. Henry reported the status of the field improvements. We have spent about \$5000 to level, widen, and roller (compact) the field. Everyone agrees the condition is significantly better. Rami Awwad donated the use of a power roller, and Walt Cloer and Henry Smith worked the surface until it's quite smooth. Electric planes now have a wider runway, and can stay further from the glider launch area. Henry favors adding some grass areas in the future. He's mostly pleased that the look of the field now clearly shows it to be a model aircraft flying field. Next, Karl will be working toward moving the battery charging station closer to the tables and kiosk.
- II. John Anderson showed a topographical map of the park, and detailed some of the ideas that are planned.
- III, Henry announced that the City has offered to give the Club \$1500, if we will install ten signs around the new trails. We need volunteers to do the boring of the post holes, erect the posts, and concrete the posts in place. Karl has arranged to have a Bob Cat with a power auger delivered at 7:00 Wednesday, September 2. Henry is donating the use of his company truck. Karl has arranged to put out a bucket for the safe disposal of our damaged batteries. He'll take care of getting them picked up and taken to a disposal station periodically. He reminds us to clean up our messy debris, especially of "toasted" LiPo batteries. Further, he stated that Robert Staples of the Park Department doesn't like to see cigarette butts on the ground. Also, Karl reminds us NOT TO FLY IN THE AREA IN FRONT OF THE CARS. Flying at the park is a privilege, and we must be careful that we do not endanger that status. Be sure to wear your Park Permit every time you fly. He urges each one of us to help in keeping our fliers "legal."
- IV. Questions about flying from passers-by. John suggested that we consider having business cards, with Harbor Soaring information -- and perhaps a "ticket" for a free introductory flying lesson. Or perhaps we could work up a free paper glider, with club information on it. Henry suggests the AMA DART, done on our own paper stock with club contact information. John Anderson has more good ideas, and he and Henry will work up some thoughts.
- V. John Anderson then showed a video of the AeroVironment SOLAR PATHFINDER.
- VI. Technical Presentation: Fred Hesse, our Newsletter Editor, led a discussion of solar powered aircraft. He introduced Jim Hynes, President of Continental Controls and Systems, of Huntington Beach. Fred brought the solar-powered plane humorously referred to as SOLAR WONDER, that they have developed. The solar cells can develop as high as 160 Watts for the seven-pound plane. Moto-Calc provided estimates of power needs that came out very close to what they measured. It has flown on only four Watts per pound. They wanted to stay light, and got the wing airframe to about 1.8 ounces per square foot. Wing span: 14'; fuselage: 13 ounces; empennage, 5 ounces. All-up weight: 112 ounces. The 40" diameter x 40" pitch prop is adjustable in diameter and pitch -- and he fits the entire plane into his Corvette!
- VII. Drawing: John Rittenhouse won a FRED SPECIAL electric plane, contributed by Dennis Anderson.

Respectfully submitted, Ted Broberg, Secretary





**Second Plane of the Month**

Once again, we have several great models that we would like to feature. If you have a model that you would like to see published as "Plane of the Month", find Rob Askegaard, our intrepid club photographer, have him take some of his great photos, and give him some details. Rob took the following photos and filed this report.

"This is Ralph Ranalli and his T-34 which is an out-of-the-box model by E-flite. It comes complete with everything furnished by E-flite, I mean everything. You name it, it's in the box. The plane can be used as a trainer because of the features provided that give every possible advantage to the beginner. It looks great and flies great. Ralph added flaps but doesn't have retracts. It weighs 5 lb and has a 55" span. It's got a 25 size motor and runs on 3 cells at 3200 ma-hr."



**Results of the Work Crew**

On Wednesday, September 2, Karl Hawley brought out a DEERE skid loader (It's like a Bob Cat), equipped with a 12" power auger, to dig holes for the informative signs the Fairview Park and Costa Mesa leadership provided. A team of volunteers joined in to help, and in three hours, set up and cemented in the ten informative signs along the new trails. The helpers, led by Robert Staples of the Park Department, included Karl, Henry Smith, John Anderson, Ross Thomas, Jim Ward, John Rittenhouse, Steve Friel, Tom Cody, Gytis Tamulaitis, and Ted Broberg. Henry Smith volunteered his company truck to haul the trailer full of supplies, tools, and water. The power auger made short work of the holes, and the team cleared the holes, leveled the uprights, poured in the "Post-Crete" and water, and capped the holes with dirt; -- a very tidy installation, in a most efficient fashion! Thanks to all who helped! Ted Broberg, Secretary.

Below, we have a sample of everyone working hard. - ed.

**2010 HSS Membership**

Membership Applications for 2010 are now available on the next to last page of this newsletter, or can be obtained from any club officer. They are also available on our club web site at [www.1hss.org](http://www.1hss.org) . Applicants must be members of the AMA prior to joining HSS. AMA Membership applications can be obtained from club officers, or from the AMA web site [www.modelaircraft.org](http://www.modelaircraft.org) . Download document No. 902 from the publications page. However, for new members, note that the club has a provision for 2010 membership beginning in November of 2009, with the last two months of 2009 as gratis, included with the basic annual charge for 2010.





**The General Direction** By John Anderson, General Director/VP

What the %^\$%\$#\* is going on with our fellowship of fliers? Have we all caught the current craze of national nastiness? Gentlemen, in my opinion, wearing a City-issued badge and graciously complying with a few simple safety rules does not mean that we are hell-bent for socialism, communism, or the last-days.

Let's pause for a little reality check. Flying at Fairview Park is not a divine right or constitutional freedom. We are allowed the privilege to enjoy flying at the City's pleasure; in the City's Park; minimally regulated by the City's lenient legal requirements - assuming that we demonstrate corresponding minimal common sense compliance. Bluntly, if we don't respect the City's hospitality we will no longer be welcome guests.

Don't we fliers have enough to focus on just enjoying our otherwise challenging sport/hobby without acting out and wasting what's left of our old-bull testosterone on confrontational macho madness with everybody losing - because make no mistake, when your tiny-tot temper tantrum theatrics are over, the City will simply Atoss the babies out with the bath water and Fairview will be just another flying field lost to stupidity and bull-headedness. And who will be to blame? Who will be remembered as the final idiot?

As for me, I don't get out to fly at Fairview as often as I'd like; but I work hard to preserve it and play by the City's safety rules - for those special occasions when I can enjoy the privilege. Accordingly, I'm personally very discouraged and disappointed that some selfish fringe few, for whatever unfathomable reasons, cannot bring themselves to comply with the City's very modest safety-intended requirements thus risking the loss of flying enjoyment for me and for many others. Surely that's not the general direction that any of us (in our right mind) should continue to pursue to our own detriment.

Sorry for the rant; but regrettably it's factually warranted and needs to be seriously heeded by all. So please: wear your badge; don't fly over 400 feet high; don't fly out-of-bounds; don't curse and swear at your fellow fliers; do have a safe flight; and do have lots of flying fun! OK then - that=s the General Direction!

Eloquently stated, John, thanks. - ed.

**Coming Events For 2009**

Sunday	Sept 27	Southern Cal Soaring Clubs seventh competition. ( <a href="http://www.sc-2.org">www.sc-2.org</a> ) at A B Brown field, hosted by ISS. See <a href="http://www.glideiss.us">www.glideiss.us</a> for map
Sat-Sun	Oct 3-4	CVRC Fall Soaring Fest. Duration contest. Russell Pond, 8400 Ave. 320, Visalia, CA 93291. Web site <a href="http://www.cvrctsoaring.com">www.cvrctsoaring.com</a> has all information. Registration is now open on line or contact Phil Hill at 559-686-8867.
Sunday	Oct 4	OCRCC Fall Swap Meet. Garden Grove Elks Lodge, 11551 Trask, Garden Grove. 7 AM to 11 AM. Contact Joni Whitsitt. <a href="http://www.ocrcc.com">www.ocrcc.com</a> for information.
Tuesday	Oct 6	HSS monthly meeting. Round Table Pizza, 11095 Warner Ave. at Euclid in Fountain Valley. General meeting at 7 PM. Exec meeting at 6:15. All you can eat \$6.99. Raffle and show and tell.
Sunday	Oct 10	Victor Valley RC Flyers. Birthday party and fly-in. 7000 Arrowhead Lake Rd. Hesperia. Se flyer on page 15.
Fri-Sun	Oct 16-18	CVRC Fall Aero Tow. Giant scale soaring. Russell Pond, 8400 Ave. 320, Visalia, CA 93291. Web site <a href="http://www.cvrctsoaring.com">www.cvrctsoaring.com</a> has all information.
Sunday	Oct 25	Southern Cal Soaring Clubs eighth competition. ( <a href="http://www.sc-2.org">www.sc-2.org</a> ), at Encinitas Flight Center, hosted by TPG. See <a href="http://www.torreypinesgulls.org">www.torreypinesgulls.org</a> for map
Tuesday	Nov 3	HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. at Euclid in Fountain Valley. General meeting at 7 PM. Exec meeting at 6:15. All you can eat \$6.99. Raffle and show and tell.
Sat- Sun	Nov 7-8	Wings Over Chino. Pomona Valley Model Airplane Club field in Chino. RC scale event for war birds, civilian, ducted fan jets. CD: Sam Wright, <a href="http://www.pvmac.com">www.pvmac.com</a> .
Tuesday	Dec 1	HSS monthly meeting and annual Christmas party. Location and time to be supplied. Great camaraderie, food, drink, and a special raffle.



Seen Around the Field

Some planes new, some seen before. Photos all courtesy of Rob Askegaard.



Ted Broberg and two new students.



Ted with the whole happy family.



Art Rodriguez and his F-18 with 90 mm EDF



Rami Awwad's big Wilga..



Walt Cloer and his big Curtiss Robin.



Rob Askegaard's beautiful Tailorcraft



**Fall Swap Meet**

The fall swap meet put on by Orange Coast Radio Control Club is traditionally the big one of the season. Don't miss it.

**ORANGE COAST RADIO CONTROL CLUB**

Announces its

**FALL SWAP MEET****GARDEN GROVE ELKS LODGE 1952**

**11551 Trask, Garden Grove, CA**

(Located on the corner of Trask and Newhope in Garden Grove, CA)

**Sunday, October 4, 2009**

**7 AM TO 11 AM**

Easy access from the 22 Freeway

From EAST - take HARBOR exit; turn left; go under freeway; turn right on to TRASK

From WEST - take EUCLID exit; turn left onto EUCLID; turn right on TRASK

**NO PARKING ALLOWED ON NEWHOPE**

***BUYERS SHOP AT NO CHARGE***

***SELLERS PAY \$10.00***

Pre-registered sellers will have assigned spaces (none accepted after 9/16/09)

Sellers paying at gate will be assigned on a "First Come, First Served" basis.

----- tear off -----

**Swap Meet Reservation**

Name \_\_\_\_\_ Phone \_\_\_\_\_  
Address \_\_\_\_\_ City \_\_\_\_\_ Zip \_\_\_\_\_  
e-mail address \_\_\_\_\_

Make \$10.00 check payable to OCRCC

Mail to: Joni Whitsitt, 9200 Westminster # 65, Westminster, CA. 92683



## Sixth SC-2 Competition Results

The results of the sixth Southern California Soaring Clubs (SC-2) monthly competition are shown below. This was hosted by TOSS and held at the TOSS field, Thousand Oaks, CA on 30 August 2009. Mike Reagan was Contest Director, and Eric and Heidi were scorekeepers. There were 47 entrants.

Place	PID	Pilot	Club	Class	T1	L1	S1	T2	L2	S2	T3	L3	S3	Total	Norm
1	110	Gomez, Manny	ISS	E	6.58	99	995.0	9.00	92	996.0	10.56	96	992.2	2983.2	1000.0
2	116	Lee, Mike	ISS	E	6.58	94	992.5	8.57	96	992.7	10.57	97	994.2	2979.4	998.7
3	453	Brady, Merrill	CVRC	RES	7.02	95	993.0	9.01	93	994.7	10.59	85	991.1	2978.8	998.5
4	113	Garland, Steven	ISS	E	7.00	92	996.0	9.04	95	990.5	11.03	93	992.2	2978.6	998.5
5	437	Chmielewski, Art	SFVS	FRES	7.02	96	993.5	8.58	95	994.0	10.59	85	991.1	2978.5	998.4
6	156	Lueken, Jim	TOSS	E	6.58	87	989.0	9.01	83	989.7	10.58	96	995.1	2973.8	996.9
7	424	Reagan, Mike	TOSS	RES	7.00	83	991.5	9.00	77	988.5	10.59	89	993.1	2973.1	996.6
8	155	Cavazos, Robert	ISS	E	7.01	83	989.2	9.01	80	988.2	11.02	95	994.6	2972.1	996.3
9	141	Spielman, John	SWSA	E	7.00	94	997.0	9.05	90	986.2	11.06	93	987.9	2971.1	995.9
10	326	Crittenden, Paul	TOSS	S	6.59	66	980.7	9.00	85	992.5	11.01	91	994.1	2967.3	994.7
11	517	Stewart, Ed	ISS	2-M	7.00	93	996.5	8.53	86	980.7	10.56	72	980.2	2957.4	991.4
12	445	Morjoseph, Mike	SWSA	RES	7.06	78	975.4	9.05	75	978.7	11.03	95	993.2	2947.3	988.0
13	206	Funfstuck, Albert	SWSA	Int.	7.05	88	982.7	9.06	81	979.9	10.59	57	977.1	2939.7	985.4
14	433	Vera, Edgar	SWSA	RES	6.58	0	945.5	9.02	86	989.5	10.59	90	993.6	2928.5	981.7
15	304	Jenkins, Harvey	SWSA	S	7.03	58	972.2	9.03	55	972.2	11.02	64	979.1	2923.6	980.0
16	301	Anderson, Major	SWSA	S	6.54	61	966.9	9.06	68	973.4	10.59	37	967.1	2907.4	974.6
17	432	Thomas, Ross	HSS	RES	6.59	66	980.7	8.59	6	951.2	11.04	54	971.2	2903.2	973.2
18	117	Felice, Gary	TOSS	E	7.01	57	976.2	8.21	96	929.4	11.00	84	992.0	2897.6	971.3
19	516	Lee, Mike	ISS	2-M	6.38	98	949.2	8.39	79	952.6	10.54	94	988.4	2890.2	968.8
20	332	Ward, Les	ISS	S	7.10	49	951.9	9.01	28	962.2	11.07	57	968.4	2882.5	966.3
21	302	MacAndrew, Todd	HSS	S	7.00	15	957.5	9.04	0	943.0	10.54	63	972.9	2873.3	963.2
22	121	Morjoseph, Mike	SWSA	E	6.19	71	892.8	9.05	97	989.7	11.06	89	985.9	2868.3	961.5
23	154	Pearson, Rick	ISS	E	6.24	91	914.1	9.05	67	974.7	11.04	69	978.7	2867.5	961.2
24	112	Graham, Eber	SWSA	E	7.03	88	987.2	8.07	62	887.8	11.03	92	991.7	2866.7	960.9
25	135	Vera, Edgar	SWSA	E	6.19	88	901.3	9.00	67	983.5	11.03	34	962.7	2847.4	954.5
26	329	Cavazos, Kerry	ISS	S	6.54	0	936.4	8.55	0	941.2	11.03	25	958.2	2835.8	950.6
27	406	Brooks, Tony	SWSA	RES	6.01	0	816.5	9.03	79	984.2	11.01	92	994.6	2795.3	937.0
28	140	Gomez, George	ISS	E	5.49	49	813.9	9.06	80	979.4	11.08	92	984.5	2777.8	931.2
29	124	Reagan, Mike	TOSS	E	7.00	85	992.5	7.01	96	788.6	11.01	86	991.6	2772.7	929.4
30	102	Brooks, Tony	SWSA	E	7.02	93	992.0	7.27	89	830.9	9.57	0	859.3	2682.2	899.1
31	446	Northern, Don	TOSS	RES	6.12	92	887.4	6.36	72	732.7	11.04	86	987.2	2607.3	874.0
32	438	Mason, Richard	TOSS	RES	6.36	94	942.7	6.35	0	694.9	10.50	0	935.6	2573.2	862.6
33	430	Swet, Bob	TOSS	RES	3.44	86	549.7	9.03	75	982.2	11.01	92	994.6	2526.4	846.9
34	450	Thonet, Andy	SWSA	RES	3.35	94	533.3	8.57	77	983.2	10.59	83	990.1	2506.6	840.2
35	214	Borer, Dan	SWSA	Int.	6.44	27	927.3	5.27	0	575.3	11.05	86	985.8	2488.4	834.1
36	414	Wright, Ben	TOSS	RES	5.00	66	711.6	6.12	75	691.9	11.03	43	967.2	2370.7	794.7
37	421	Fife, Bill	z	RES	3.12	73	470.8	9.11	0	930.6	11.00	0	950.0	2351.4	788.2
38	320	Garland, Matt	ISS	S	3.21	0	454.6	8.59	0	948.2	10.51	0	937.0	2339.9	784.4
39	111	Thonet, Andy	SWSA	E	5.56	74	842.2	4.38	11	494.6	10.57	96	993.7	2330.5	781.2
40	327	Borstelmann, Craig	TOSS	S	1.54	97	306.4	9.04	88	987.0	11.05	87	986.3	2279.6	764.1
41	222	Stewart, Ed	ISS	Int.	7.04	64	973.0	6.09	87	692.7	5.27	67	504.2	2169.8	727.3
42	316	Krug, John	HSS	S	7.01	85	990.2	1.15	0	131.9	11.00	90	995.0	2117.2	709.7
43	328	Harland, Jay	TOSS	S	5.20	12	729.8	3.11	0	336.0	11.06	92	987.4	2053.2	688.2
44	506	Funfstuck, Albert	SWSA	2-M	7.02	82	986.5	0.00	0	0.0	11.05	0	942.8	1929.3	646.7
45	314	Bertram, Bill	TOSS	S	6.21	27	875.3	5.20	0	563.0	4.29	0	387.2	1825.4	611.9
46	208	Dora, John	ISS	Int.	5.16	76	752.8	0.00	0	0.0	6.34	0	567.1	1319.9	442.4
47	405	Nibley, Bill	TOSS	RES	3.00	59	436.6	3.43	71	427.8	3.30	0	302.3	1166.7	391.1





**District X Vice Presidential Election**

We have received the following information concerning coming AMA elections.

Lawrence Tougas is running to become the AMA District X Vice-President. He would like to discuss having our endorsement for next month's election. He has included his candidate statement, some background information, and a contact number. We feel he has some very good ideas, and is worthy of your consideration in the coming election.

**The following is my candidate statement;**

**I'm Lawrence Tougas from Fairfield, CA. I am running for District X, Vice-President. My history with model aviation began in 1968 when my Father built a silk and dope covered model. Since then I have built and flown, free flight, control line and radio control models.**

**As V.P. my top 3 issues would be to, help clubs find and keep flying fields, improve the AMA website, and lastly, raise the visibility of District X.**

**Retention of flying sites can be a political issue. I support AMA's efforts to build relationships with local city, and park officials. I would work with clubs to strengthen these bonds, and bring to bear all of the AMA's resources when a site is at risk.**

**The current AMA website is under utilized. It should be an extension of Model Aviation magazine. The size of MA is limited, so we could use the site to have expanded articles, video of models flying, and building techniques, as well as other enhancements to MA. The contest calendar could be improved. The AMA History program is a text only accounting of significant modelers and institutions. We should have pictures and video on the website of these giants of our sport.**

**District X is the largest district in the AMA. The AMA needs a Western United States flying site, which would be a state-of-the-art facility that could be used by all AMA members, and host significant competitions. I would do everything in my power to bring that site to District X.**

**Additional information about my campaign can be found at: <http://ama-district-x-election.blogspot.com>**

**Thank you for your consideration, Lawrence Tougas**

**Soldering Battery Pack Wires to Deans Connectors** Provided by Gary Gullikson

As a long time R/C Modeler and one time Aerospace soldering Instructor, I think that there should be a "sticky" on this specific subject. Read "Safety Considerations" and "Wire and Connector Polarity" below very carefully. I recommend that the "beginning solderers" read this entire set of recommendations at least twice, as some steps are critical and must be done in a particular manner to avoid frustration and even danger of serious injury or damage to battery packs and speed controls. If possible, practice soldering wires to an old Deans connector, carefully following these directions, until you develop a feel for it. Using a small "bridge" of molten solder to conduct heat from the soldering iron tip to connector terminals and wires is a major "secret" that is learned with practice.

**Choices of Soldering Iron and Tips**- It is necessary to accomplish soldering quickly and to let the work cool to avoid heat damage to plastic connector bodies. Use of a 37 watt or a somewhat higher wattage standard type soldering iron for this kind of soldering is recommended for quick enough heating and promoting good solder flow. A thicker soldering tip with flat sides works better than a thin tapered cone-shaped tip intended for printed circuit soldering. Use of a 30 watt iron requires more practice and skill for these types of connections. Soldering guns are not appropriate for this delicate kind of soldering, somewhat unwieldy and too much heat

1. **Solder and Flux** - Use "electronic-type" 60/40 or 63/37 tin/lead alloy rosin core solder and electronic soldering flux as sold by Radio Shack, etc. Avoid use of lead-free solders, they require more skill to get good solder joints. 1/16 or smaller diameter solder on a roll is best for connector/wire soldering.
2. **Connector and Wire Holding Devices** - A pair of vice-grips can be adjusted to gently but firmly hold the plastic body of a Deans or similar connector while soldering connections. A small model-work vise or pliers with a rubber band around the handles can also work as a holder. Devices to grip and hold wires in



**Soldering Battery Pack Wires to Deans Connectors (Continued)**

position can be bought or made from stiff copper or aluminum wire and alligator clips. An assistant can also provide a "third hand" to hold a wire or feed solder. With practice, you will often not need assistance or wire holding devices.

3. **Damp Paper Towel** - Keep a slightly damp pad of paper towel handy while soldering. Tip of iron must be wiped often to keep it clean and shiny and able to transfer heat well, and not contaminate the solder joint.
4. **Safety Considerations** - Every precaution must be taken to keep from shorting battery pack wires or connector terminals together. Leave insulation on one wire while stripping, tinning, installing heat shrink tubing, soldering to the connector terminal and shrinking the heat shrink tubing. Then, do the same to the other wire as described below avoiding any shorting of the battery pack with wire strands, excess solder or the tip of the iron. (See Wire and Connector Polarity, item 8 below)
5. **Stripping Wire Insulation** - The object is to remove insulation from wire without cutting or damaging wire strands. If you disturb the strands, twist them back into position with tissue to avoid contamination. Strip, tin, and solder only one wire at a time to help avoid shorting the pack. (See Safety Considerations 4. above). There are number of wire stripping tools available. Inexpensive strippers are not much better than a sharp hobby knife. Cut through the insulation, without cutting the wire strands, and twist insulation off of the wire strands.
6. **Tinning Wire Strands** - The object is to fill the exposed wire strands with solder to promote good solder flow during final soldering of wire to the connector. It is not desirable to overheat the wire causing solder to "wick" up under the insulation and make it stiff and subject to breakage when flexed like a single strand wire. Apply a dab of soldering paste to the wire, melt some solder onto the tip of the iron, lay the wire onto the iron tip and quickly feed a little more solder to fill the wire strands then remove from heat as soon as possible to prevent "wicking" (stiffening of wire under the insulation)
7. **Heat Shrink Tubing** - Heat shrink tubing is available from electronics suppliers like Radio Shack and auto supply stores. Use of electrical tape instead of heat shrink tubing is not as neat or reliable as it can tend to unwrap over time and expose soldered connections. Keep a supply of heat shrink insulation tubing in various diameters from 1/16" to 1/4". Use a hobby heat gun to shrink the tubing tightly over soldered connections to insulate them and prevent any possibility of shorting the battery pack wires together. You must remember to slide the tubing over the wire up and away from soldering heat before soldering wires to connector terminals. If you accidentally shrink the tubing, you may be unable to slide it over the connection. If you forget the tubing, you will need to unsolder the connection, install the tubing up and away from the heat of soldering, re-solder the connection then slide tubing over the connection and shrink it.
8. **Wire and Connector Polarity** - (Very Important) Looking at the end of a Deans Ultra connector, the slots or terminals are positioned to resemble a letter "T". The top of the "T" or horizontal terminal is normally the positive terminal to which the red or positive battery wire is soldered. The vertical terminal is normally the negative terminal to which the black or negative battery wire is soldered. Battery packs and speed controls with pre-soldered connectors follow this industry standard. Battery charger cables with Deans Ultra connectors also follow this standard polarity. You must not solder a red wire to a vertical terminal or black wire to the horizontal terminal. To do so could result in destroying a speed control or battery pack, possibly causing a fire or injury.
9. **Soldering Wires to Connector Terminals** - Clamp the plastic connector body gently but firmly in a small vise, a pair of vise-grips or a pair of common pliers with a rubber band around the handles. Apply a small "blob" of solder the connector terminals by putting a dab of soldering paste flux onto the terminal, touching the clean shiny iron tip to the terminal and feeding a enough solder to the junction of the iron tip and the terminal to form a small "blob" of solder. **Important**, now slide a piece of heat shrink tubing onto the wire up and away from soldering heat. Now wipe the iron tip, position the wire against the terminal and touch wire and terminal with iron tip while an assistant feeds just enough solder to the junction of the iron tip and terminal to form a nice solid connection. If you don't have an assistant, there are various holder devices you can buy or make using stiff heavy gauge copper or aluminum wire with an alligator





**Soldering Battery Pack Wires to Deans Connectors (continued)**

clip to

hold wire in position while you hold iron and feed solder, You will need to hold the wire very steady for about one second to let solder solidify after you remove the iron tip from the connection. If you move the wire while solder solidifies, you may have a fractured unreliable solder connection. You would need to reflow the solder and hold wire steady to make the connection good. Once the solder joint has cooled for about 5 seconds, you can slide the heat shrink tubing over the connection and shrink it to finally insulate the connection. At this point you have soldered one of the wires to one of the connector terminals and insulated the connection. Check to make sure that you have soldered the wire to the correct terminal per 9 above. Slide heat shrink tubing onto the other wire, solder remaining wire to the other connector terminal and shrink tubing over the connection with the heat gun. **Job completed.**

**Final SC-2 Competition For 2009**

**Torrey Pines Gulls  
Radio Controlled Soaring Society, Inc.  
993 Ashley Ln.  
Vista, CA 92084**

**TPG Invites you to the October SC2 Contest****Date: Sunday, October 18, 2009****Location: Encinitas Flight Center, Encinitas, CA****Contest Director:** Keith Finkenbiner**Sign up:** 8:30 AM**Entry Fee:** \$10.00 One Class or RES**Pilots Meeting:** 8:45 AM

\$20.00 One Class + RES

**Contest Start's:** 9:00 AM

Free AMA Juniors &amp; Seniors

**Field:** Mowed Grass**AWARDS:**Expert – 1<sup>st</sup> thru 3<sup>rd</sup>Intermediate – 1<sup>st</sup> thru 3<sup>rd</sup>Sportsman – 1<sup>st</sup> thru 3<sup>rd</sup>RES – 1<sup>st</sup> thru 3<sup>rd</sup>**TASKS:****3 Rounds**

For a total of 24 Minutes

**Landings:** 25 Foot tape worth 50 Points**Flight Order:** Open**Rules:**

Pilots must show AMA card

10 seconds to accept re-launch

All SC2 2005 Rules

Round 1: 6 Minutes for 950 Points

Round 2: 8 Minutes for 950 Points

Round 3: 10 Minutes for 950 Points

No Flying over launch area below launch height

No metal landing aids allowed

**Field Location:** 2099 Encinitas Blvd.

Thomas Guide: pg 1167-H1

Encinitas, CA 92024

Enter through gate County Landfill

Porta Potty at field

**Call for additional information:**

Keith Finkenbiner 1-760-216-6349

e-mail: [keithone@cox.net](mailto:keithone@cox.net)**Website:**[www.torreypinesgulls.org](http://www.torreypinesgulls.org)



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*For field location map Visit:* **[www.pvmac.com](http://www.pvmac.com)**

CD: Sam Wright [sam-w@cox.net](mailto:sam-w@cox.net) 949-632-8691

Note that electrics are invited, and there are awards for those classes.





Victor Valley RC Flyers Birthday

They are celebrating their first year at their new facility and everyone one is invited. There is no landing fee, it will be a day of meeting the community and RC friends. Details below.

# *The Victor Valley RC Flyers are having a Birthday Party*

One year ago the Victor Valley RC Flyers closed the field on Bear Valley Rd. and moved to the Victor Valley RC Park. We are very proud of what we have accomplished at the Park and would like to invite everyone out to celebrate with us. There is still much to do, but we would like you to come out and enjoy a day of flying, food and friends. If you have never enjoyed the hobby of RC flying, here is your chance to fly a RC airplane. Hope everyone can make it out to the Park.



Date: 10 October 2009

Time: 08:00AM

**Contact person: Charlie, (760) 987-0568  
Glen, (760) 881-9535**

7000 Arrowhead Lake Rd.

From the Hwy 15 take Main St in Hesperia east to Arrowhead Lake Rd. Follow Arrowhead lake Rd. 1/2 mile past the Hesperia Lake. We are on the left. Turn at the sign and follow the road into the Park. The Park is 9.5 miles from the freeway.



**Plane Rap Classified Ads and Services - For Sale**

This area is free to club members to sell planes, related equipment, and services. Contact Fred Hesse at [fhesse@socal.rr.com](mailto:fhesse@socal.rr.com) with any material that you wish to insert here.

- **Precision machining** - Tim Beegan, HSS Member: Do you have a need for machine work? I can do small parts for R/C planes. Call me at (949) 646-6285 or see me at the field for consulting.
  - **Custom laser cutting services** are now provided by GDH Planes, in addition to manufacturing kits. With the currently weak Canadian dollar (we are a Canadian company), it is a great time to use our services and take advantage of the exchange rates, adding to our already reasonable rates (US\$1 is currently equal to about \$1.157 Canadian). Should any of your members require this service, please have them visit our web site at [www.gdhplanes.com](http://www.gdhplanes.com) or email us at [LaserCutting@gdhconsulting.ca](mailto:LaserCutting@gdhconsulting.ca).
- Regards, Glen Harbottle President GDH Consulting Corp. Tel: 905-668-2326 [glenh@gdhconsulting.ca](mailto:glenh@gdhconsulting.ca)
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**T-28 Trojan 120**

No. 159559

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**MEMBERSHIP APPLICATION 2010****Harbor Soaring Society****P.O. Box 1673 Costa Mesa, CA 92628****AMA Chartered Club # 128**

*I understand that by applying for membership in the Harbor Soaring Society, I must be a current member of the AMA.*

*Please Print*

**NAME** \_\_\_\_\_ **Home Ph.#** \_\_\_\_\_

**ADDRESS** \_\_\_\_\_ **Work Ph. #** \_\_\_\_\_

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**My interests in radio control flying include (Check all that apply including future interests):**

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**Applicants making application for senior membership between July 1st and October 31st pay a reduced rate of \$10.00 (Name tag extra). New applicants making application between November 1st and December 31st will pay the annual rate indicated above and such dues will make the new member paid in full from November 1<sup>st</sup> through the following year. A signature is required from all Harbor Soaring Society members, and applicants, agreeing to comply with the current AMA Safety Code and the current HSS General Field rules and Field Safety Rules. Note that a City of Costa Mesa permit is required to fly at Fairview Park. Obtain this from the Costa Mesa Parks and Recreation Department. Cost is \$20.**

**The undersigned attests that: I will operate my model using only radio control frequencies currently allowed by the FCC. Further, any transmitter that I use at any designated HSS flying field must be manufactured to meet the AMA/FCC specifications for model aviation. I understand that my failure to comply with the above restrictions will result in nullification of liability coverage for damages caused or claimed.**

**SIGNATURE:** \_\_\_\_\_ **DATE** \_\_\_\_\_

**Total dues owed and attached: \$** \_\_\_\_\_

**SIGNATURE OF CLUB OFFICER RECEIVING APPLICATION** \_\_\_\_\_



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See our web site at [www.1hss.org](http://www.1hss.org), and our photo site at <http://picasaweb.google.com/rc.goat> .

**NEXT CLUB MEETING WILL BE TUESDAY OCTOBER 6, 2009, AT ROUND TABLE PIZZA, 11095 WARNER AVE. (AT EUCLID) IN FOUNTAIN VALLEY. EXEC MEETING 6:15 PM, GENERAL MEETING 7 PM. BRING YOUR WIFE, FAMILY, AND FRIENDS FOR DINNER, RAFFLE, PRESENTATION ON AERIAL PHOTOGRAPHY, AND MEMBERS SHOW AND TELL THEIR FAVORITE AIRCRAFT.**

**SEE MAP TO LOCATION ON PAGE 3.**

**THE PRINTED ISSUE MAY BE LIMITED TO 12 PAGES TO REDUCE MAILING COSTS. SEE THE COLOR VERSION SENT BY E-MAIL AND AVAILABLE ON OUR WEB SITE.**

**Harbor Soaring Society  
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