



HSS is the oldest AMA chartered R/C Soaring Club  
in the USA. Founded 1964  
Silver Leader Club since 2009  
Gold Leader Club since 2012

June 2012

Volume 49

## THIS MONTH'S HEADLINES

**HSS AND SCALE SQUADRON WILL SHARE STAFFING THE BOOTH AT THE ORANGE COUNTY FAIR ON JULY 20 – 22. MEMBERS ARE NEEDED FOR THE 4 HOUR SHIFTS. SIGN UP WITH HENRY SMITH III. DETAILS ON PAGE 8.**

### Plane Rap Index

Check out the following articles:

- Minutes for May 1 Steering Committee and General Meeting. P. 2.
- Fun fly and Swap Meet Report. P. 3-6.
- June 5th Meeting Announcement. P. 7.
- Raffle Prizes for June 5 Meeting. P. 8.
- Orange County Fair. P. 8.
- City Flying Permit for 2012 P. 9.
- SC2 Competition Schedule. P. 9.
- HSS SC2 Event Results. P.10.
- Bent Wing Soaring Competition. P. 11.
- Scale Squadron Fly-In. P. 12.
- Flight Performance Program. P. 13.
- Model of the Month P. 14.
- Chino Air Show P. 15-16.
- Quad-copter X 4 P. 17.
- For Sale and Classified Ads. P. 18.
- Sponsors. P. 19-20, & 23.
- HSS Membership Application. P. 21.
- Membership Survey. P. 22.

### Coming Events and Soaring Competitions June - July 2012

- Sat-Sun June 2-3. Lyons Fish Fry at Fairview Park. Carnival attractions. No HSS participation.
- Tuesday June 5. HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. General meeting, 7 PM. Exec meeting, 6:15. See P. 7.
- Sat June 16. HSS Bent Wing soaring competition. Fairview Park, Costa Mesa. Help staff this event. See flyer and details on P.11.
- Sun June 17. Fifth SC-2 soaring competition. Hosted by SULA, San Pedro. Details on web site: [www.sulaclub.org](http://www.sulaclub.org) . See P.9.
- Sat-Sun June 23-24. Scale Squadron Giant Scale Fly-In. Prado Air Park, Chino. See P.12.
- Sun July 15. Sixth SC-2 soaring competition. Hosted by DSH at ISS field, Riverside. Details on web site: <http://site.sc2soaring.com> See P.9.
- Fri-Sun July 20-22. Orange County Fair. Scale Squadron and HSS booth. Staffers needed. See information on P. 8.



**General and Business Meeting Minutes for 1 May 2012**

I. Business Session: Meeting was held at Round Table Pizza in Fountain Valley, and was called to order at 6:45 p.m. by President Walt Cloer. Officers in attendance were General Director Henry Smith 3, Vice President Erv Szego, Newsletter Editor Fred Hesse, Club photographer Rob Askegaard, Treasurer Dennis Anderson, Competition Director Jim Hanson, Safety Officer Karl V. Hawley, and Secretary Ted Broberg.

A. Fred briefed Walt on the protocol for the Business Session. Jim Hanson recommended that we hold the exec meeting at a different time, perhaps at a different location. Some can be held at Henry III's shop, but only when he's there.

B. Ted showed some information and flyers on the Concerts in the Park series. Mary Fewel offered us some choices of prices and level of involvement, inviting us to make a presentation of our activities. Some discussion followed. The flyer and price schedule information was handed to Karl.

C. Jim Hanson announced that he just became Grandpa for the fourth time. Welcome, Bouncing Baby Boy, Sean Hanson. Congratulations, Grandpa and Sean!

D. Fred mentioned the County Fairground SCALE SQUADRON / HSS booth with Joni Whitsitt. She'll have more information about what is needed for that. See item II. A., below.

II. General Session: Called to order at 7:14 p.m. In attendance were Jim Sonnenmeier, John Anderson, Jim Jones, David Whittington, John Rittenhouse, Joni Whitsitt, Randy Wilbur, Fox Anderson, Ross Thomas, Bob Voss, Mike Fox, Art Tinsley, Dick Odle, William Vincent II, Mike Fox, Art Tinsley, and Jesse Calleros.

A. Joni Whitsitt: The opportunity to participate in the Orange County Fair will be Fri., July 20, noon to 9 p.m.; Sat., 7/21, 10-9; Sunday, 7/22, 10 to 9. She's invited us to serve all three days, three shifts. We can get points toward AMA "Gold Leader" club. Volunteers needed; wear your club badge. Free parking at a certain lot, and free admission through Vendors' entrance. Two booths (side by side) will be available as last year, but no airplane flying demos will be allowed. Joni is promoting and planning our participation. She'll have her 48" TV screen, a flight simulator and more. We'll be in the Home and Arts Building, where the wood working booths are. This also brings a lot of people in. She'll have the workers signup sheet next meeting. She assures us that the items and displays are protected by Fair staff. She sets up early Friday, and they tear down Monday. The Fair is closed Mondays, but demonstrators may come in to close the booth from 9:00 a.m. on Monday. Joni's phone number: 714-396-2523. (The fair opens July 13 and runs through August 12).

-- Shifts are 3-4 hours long; volunteers get the day's admission free, and Joni can get a second ticket for each worker's one guest. (It's eleven dollars for general admission.) Come and promote the sport and your club. Work a shift, and get to see the Fair free. We may give out our business cards and club literature.

-B. HSS Fun Fly, May 12th event: Joni will bring us coffee and donuts on the day of the event. Please provide 120 volt power for the coffee urn.

C. Walt commented: Last meeting, Lucien Miller gave the best presentation on electric power systems he's seen. His Innov8tive Designs would be a good source of your power needs. See May 2012's PLANE RAP for more info and the web address, and copies of the handouts Lucien provided.

D. FUN FLY, May 12 Saturday. Karl reported: Swap meet: Anybody is welcome to set up a sales area; Hobby Stores are welcome to set up a booth, or make donations or prizes; Gate will be open, so parking will be on the helicopter field. He needs people to direct parking, setting up tables and cord, running the contests; Limbo, Pylon, more. Contact Karl (Info on last page of MAY PLANE RAP). fun fly opens at 6:00 a.m.

-- AMA membership required. No charge.

--Details: He's just mowed the field, and will re-line it.

--The weed abatement guy will be there tomorrow, May 2. Spraying the field: now it costs \$325.

-- Walt will talk with the War Birds fliers and get them to help.

E. Lyons Fish Fry at Fairview Park: More information later.



**General and Business Meeting Minutes for 1 May 2012 (Continued)**

F. Dennis Anderson said he has HSS stickers at \$1.00 apiece: "Good for fixing holes in wings."

G. PROGRAM: Henry III brought some CD's and showed some. First, the Wright Brothers, Eddie Rickenbacker, other pioneering pilots, and films from 1909-1924.

III. Raffle: FORMOSA electric sport plane: Randy Wilbur EXTRA 260 sport flier. Rob Askegaard HITEC transmitter and receiver, 72 mHz. Jesse Calleros: Box of parts, an Aerobird, and a Firebird COMMANDER from Mike Fox. John Anderson commented: Thanks to our contributors!

-- Meeting adjourned at 8:45 p.m. Respectfully submitted, Ted Broberg, Secretary

**Fun Fly and Swap Meet – Saturday 12 May 2012**

Harbor Soaring Society held another Fun Fly and Swap Meet, with hot dog barbecue, on Saturday, May 12. Lots of folks came and watched as electric models of World War II WARBIRDS chased through the morning skies. After 9:00, the field was opened to general flying, and some fliers tuned up or just flew the field. The wind was from the east early on, but clocked over the day to the more usual SSW.

Karl Hawley had set up safety fencing between the flight line and the pits, and arranged and mowed the area for parking and swap meet cars, as well as a food tent with Henry Smith's barbecue grill for hot dogs, with sauer kraut, onions, and condiments. Joni Whitsitt had free coffee and doughnuts for the fliers and spectators. The field had been newly lined by Karl and Ted. Sellers displayed their sale items, and many deals were made.

**FUN FLY EVENTS:**

The first contest event, **LIMBO**, was set up, and four fliers made up to three tries at each level. Some pilots brought more than one aircraft, which was a good thing! The poles, twenty feet apart, ate several planes, which got repaired, replaced, or retired as the event went on.

The first height was at ten feet. Three cleared that one: Ezekiel Seraphine, Arnel Nagel, and Ted Broberg. Henry Smith's WINGO could barely progress against the winds, then about 15 - 18 knots, and though it passed between the pole's sidestays and a pole, couldn't find its way under the crepe paper crossbar. Valiant effort, though! Ezekiel's GENTLE LADY (electric), Arnel's T-28, and Ted's TWIN STAR 2 made the first height. At the 8-foot level, the TWIN STAR got cut (literally: a guy-rope cut the starboard wing). On his second height, 8', the plane ran into the other pole, and tore out a motor. "Zeke" and Arnel made that height, and at 7', 6', 5', 4', and 3'. The wind was causing a sag in the tape, so the middle was scarcely higher than the tops of the props of the planes, which had landing gear taking away ground clearance. So, both were declared tied for FIRST PLACE, with Ted getting 3rd.

The field was then opened to anyone who wanted a shot at LIMBO, but there were no takers. Open flying was called for a while, and then the "Main Event."

**HELICOPTER DEMONSTRATION.** Two helicopters took center stage. Two fliers, father and son, put on a super show. Unfortunately your editor was unable to obtain pilot names. Apologies - Ed.

**PYLON RACE:** Next, poles were set up 150 feet apart, and guyed against the wind. Course workers Fred Hesse, Mr. Seraphine, John (a visitor), and Jesse Calleros took colored flags that matched the colors of the streamer on the planes' tails to the far pole. As their pilot's plane passed the pole, each would raise and lower the flag, unless the plane was flying below ten feet. If a plane cut the pole, the flag was dropped to the ground until the pole could be properly rounded. Four pilots signed up, got their ribbons and flagmen, and took off for a few minutes of practice. Ted's CORSAIR blew over on take-off and tore out its motor mount. Ezekiel's and Henry's T-28's practiced around the course a few times, and landed prior to the signal for take-off in the event. Henry finished first for gold, and "Zeke" took second place certificate. The poles were left up for others to try. After a bit, they were cleared away to make the field ready for the final event.

**RUNWAY PRECISION LANDING:** A twenty-four foot long red tape was nailed out parallel to the wind, and fliers were given three tries to get the closest they could to the center stripe. Within an inch of the tape scored



### Fun Fly and Swap Meet – Saturday 12 May 2012 (Continued)

100 points, with each five inches further away deducting five points from that, out to 96 inches, for a five points. "Zeke" scored a perfect 100 on his first landing, a twenty on the next, and 0 on the third. Henry scored a 5 and a 95. Steve Lonn's HELLCAT landed near the center stripe, but rolled a little beyond the end of the tape or landed just short of the downwind end. The wind made it tough for all.

#### **FINAL RESULTS:**

**LIMBO:** Tied for first, Ezekiel Seraphine and Arnel Nagel; Third place, Ted Broberg

**PYLON RACE:** Henry Smith, first; Ezekiel Seraphine, second.

**RUNWAY LANDING:** Henry Smith, first, Ezekiel Seraphine, second.

**GLIDER FLYING:** To make room for the event, the sailplane contingent moved their launch area south and used hand-launched or Hi Start launched planes. Thank you, Gentlemen! We appreciate the courtesy!

Many thanks to all the volunteers, who included Karl Hawley, Jesse Calleros, Mr. Seraphine, Fred Hesse, John (a visitor to the club), Henry Smith III, Ken Downs, Henry Capili, and Ted Broberg. Apologies if I missed anyone. Ted Broberg

#### **EVENT PHOTOS**

Rob Askegaard has provided the following photos of activities at the Fun Fly and Swap Meet. Sorry we don't have names of all participants.

Starting at right is some of the swap meet activity. Below is Ron Obrecht and his P-47. Below right are some of the spectators.



**Fun Fly and Swap Meet – Saturday 12 May 2012 (Continued)**

At right are two of the big P-51's ready for take-off.

Below and right are Rob Anderson and Robert Cantu with their 3-D planes. They are from OCCRC and put on a great 3-D stunt demonstration.

A fantastic helicopter demo was put on by a guest using this large helicopter (bottom), and then his son using a very small helicopter. Sorry, no names were obtained.



**Fun Fly (Continued)**

At right we have Rodney Arevalos with his beautiful Tuskagee P-51.

Below and right is the T-28 belonging to Ezekiel Seraphine. He made it through several rounds of Limbo, but got wiped out later as the ribbon got lower.

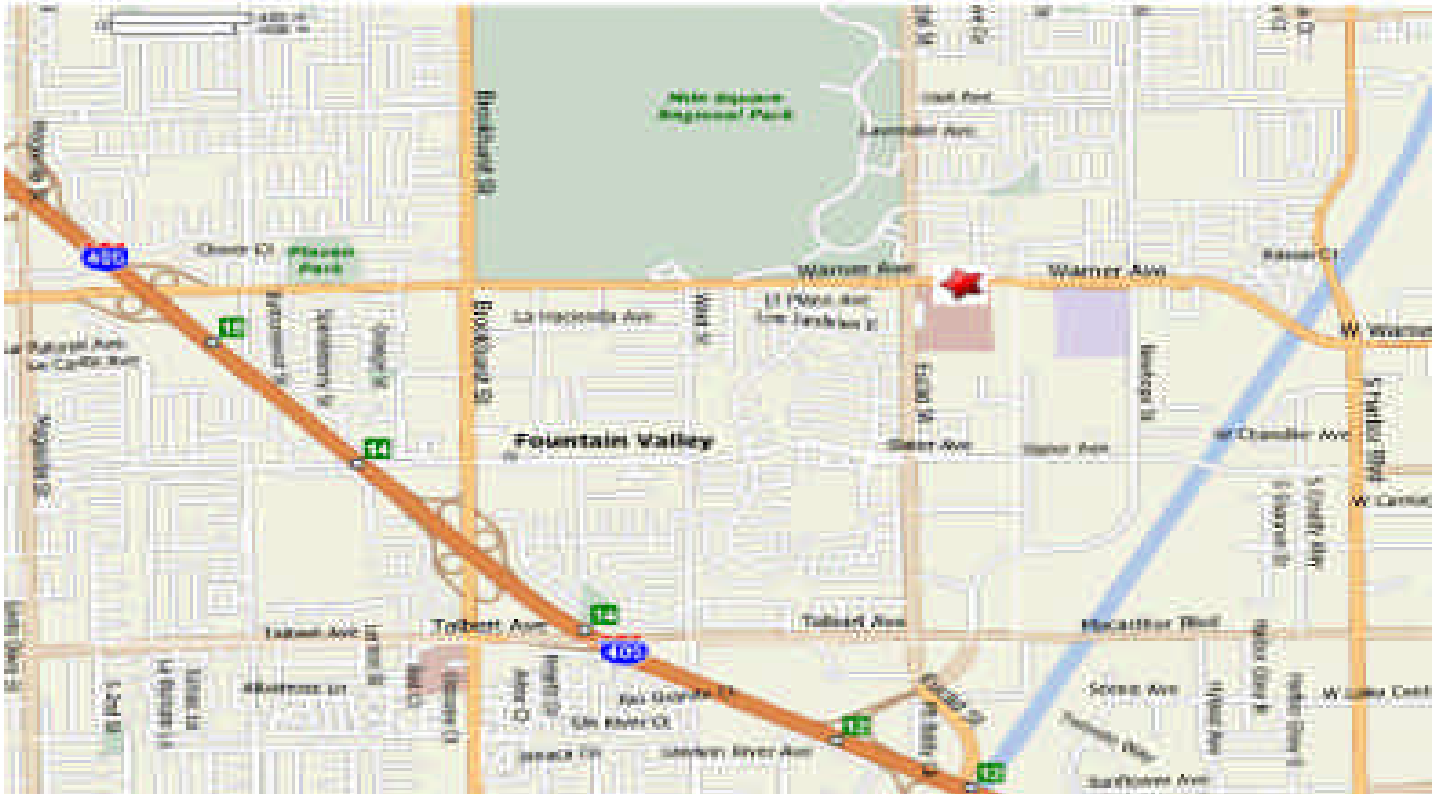
While not participating in our Fun Fly, we were graced by a fly-by of the Collings Foundation B-17 and B-24, shown at bottom.

All these great photos courtesy of Rob Askegaard.



### General Meeting Announcement For June 5th, 2012

The next club meeting is Tuesday June 5th, 2012, at ROUND TABLE PIZZA, 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. 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. Bring your favorite plane for show-and-tell. The meeting will be concluded with a raffle for the planes and radio shown on page 8. The location is shown in the map below. The executive/steering committee meeting begins at 6:15 PM.



### 2012 HSS Membership

Our 2012 HSS membership enrollment season is in full swing. A membership application and optional member survey is included in the last pages of this newsletter. These can be mailed in to our post office box shown on the last page, or given to a club officer. Alternately, HSS and AMA membership applications can be obtained from any club officer, or available on our club web site at [www.1hss.org](http://www.1hss.org). Here is an interesting quote from the HSS Bylaws: ***"Members whose dues have not been received by the March meeting shall be dropped from the rolls."*** SO, HURRY! Applicants must be members of the AMA prior to joining HSS. **AMA and HSS applications received during October – December 2011 are good for all of 2012 as well.** AMA Membership applications can also be obtained at the AMA web site [www.modelaircraft.org](http://www.modelaircraft.org), download document No. 902 from the publications page. Or you can apply on line. If you renew your AMA membership online, be sure to print the receipt that they provide as proof that you paid. And, don't forget your City of Costa Mesa Flying Permit. Details are shown on pages 8 of this newsletter.

### AMA District X Website

The following is taken from the July 2011 edition of "AMA Today", the electronic membership newsletter.

AMA District X Vice President Lawrence Tougas wants to invite AMA members from all districts to enjoy District X's new website. "We have a lot of great articles in our blog, plenty of pictures in our photo albums, and a spot where you can learn more about our associate vice presidents and myself," says Lawrence, District VP. All of the information is at [www.ama10.org](http://www.ama10.org). Why not consider helping your district with its website?



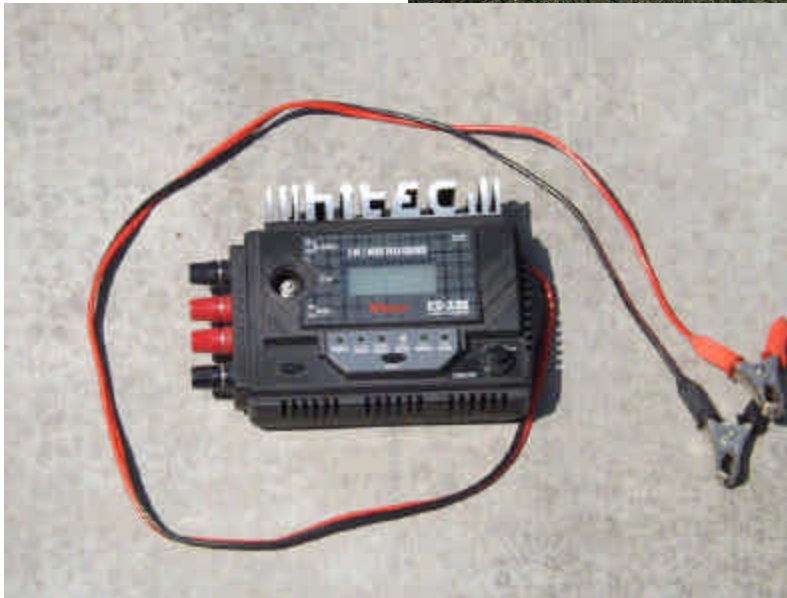
## Next Meeting Raffle Prizes

The raffle prizes for our June 5th meeting are shown below.

At right is a 36" Li'l Banchee 3-D airframe without electronics, provided by Henry Smith III.

Below left is a HiTech 3-in-1 multipack charger, and a HiTech CH 36 transmitter with a 4 CH receiver (below right), all from Dennis Anderson.

Ted Broberg has provided the photos. Thanks, Ted.  
- Ed.



## Orange County Fair – HSS Participation July 20 - 22

This is a repeat of what was run last month, but time is passing, and we need to support this project.

Joni Whitsitt just got the latest info on the OC Fair. She says: Both clubs, Scale Squadron and Harbor Soaring will man the booth for 3 days on Friday, July 20, Saturday, July 21st and Sunday, July 22nd. It takes about 3 to 4 people for every 4 hours during the Fair opening time table. Yes, there are free tickets to enter the Fair and free parking tickets at designated parking areas. You park in a designated parking area and ride the bus to the rear gate entrance just like last year. Because space is such an issue and all vendors pay for that space we cannot do any demonstrations such as flying at the Fair. Since the Scale Squadron is a non-profit corporation they allow us in free and we are an established group they like because we draw the crowds. Volunteer your help to staff the booth. Contact Henry Smith III, or sign up at the June 5<sup>th</sup> meeting.





### Some of This Year's Soaring Events

The following is a preliminary alert to coming soaring competitions. Further details will be posted as soon as possible. Be sure to note the Visalia Bent Wing event put on by CVRC on April 28-29.

- HSS Bent Wing Competition, Fairview Park  
Saturday June 16, RES and Woody classes.
- Sacramento SVSS June 23 & 24
- ISS "Gene Hayes RES". See [www.glideiss.us](http://www.glideiss.us)
- Nats Muncie Indiana July 28- Aug 7
- Wilson Cup CVRC Sept 9
- Soaring Masters Sept 21-23
- Visalia Fall Fest Oct 6 & 7

### SC2 Competition Schedule for 2012

Here is the schedule for your Southern California Soaring Clubs (SC2) monthly contests for 2012. Check the SC2 web site at <http://site.sc2soaring.com> for further details and competition results. Check individual club web sites for directions to their flying field.

- February 26, 2012 hosted by SWSA
- March 18, 2012 Hosted by VVRC (Cancelled)
- April 22, 2012 Hosted by SWSA
- May 20, 2012 Hosted by HSS AT SWSA
- June 17, 2012 Hosted by SULA
- July 15, 2012 Hosted by DSH AT ISS
- August 19, 2012 Hosted by ISS
- September 23, 2012 Hosted by TPG
- October 21, 2012 Hosted by TOSS
- November 18, 2012 (Rain Day) Hosted by VVRC?
- December 2, 9, 16, 2012 (No points)  
Hosted by SULA & DSH AT SULA

SWSA - Silent Wings Soaring Association - West Covina – [www.silent-wings.org](http://www.silent-wings.org)

VVRC – Victor Valley RC Flyers – Victorville – <http://www.vvrcf.org>

ISS - Inland Soaring Society - Riverside – [www.glideiss.us](http://www.glideiss.us)

TPG - Torrey Pines Gulls - Torrey Pines, San Diego – [www.torreypinesgulls.org](http://www.torreypinesgulls.org)

TOSS - Thousand Oaks Soaring Society - Thousand Oaks – [www.toss.freesevers.com](http://www.toss.freesevers.com)

SULA - Soaring Union of Los Angeles - San Pedro – [www.sulaclub.org](http://www.sulaclub.org)

HSS – Harbor Soaring Society – Cost Mesa – [www.1hss.org](http://www.1hss.org)

DSH – Downey Soar Heads – Downey

The year end final results for 2011 are available at web sites: <http://sc2soaring.com> and [www.1hss.org](http://www.1hss.org).

### 2012 Park Permits Available Now

Robert Staples has sent us the announcement (below) stating that City Flying Permits for 2012 are available now for \$20 per year. Remember to bring your new AMA license. Note that renewal by mail is now allowed. Submit application (available on line), copy of AMA license, and payment.

#### **RENEWAL NOTICE:**

The City of Costa Mesa will be accepting renewals for the 2012 Flying Permits beginning Monday, October 24, 2011, at the following locations:

Costa Mesa City Hall (77 Fair Drive, Costa Mesa 92626) – 3<sup>rd</sup> floor Recreation Counter, during regular business hours from 8:00am – 4:30pm (excluding City observed holidays). Call 714-754-5300 for details.

Temporary permits are issued at the Downtown Recreation Center (1869 Anaheim Avenue, Costa Mesa 92627) between the hours of 10:00am – 1:00pm on Saturdays. For information, call 714-327-7560.

**Joyce M. Santos** Administrative Secretary - City of Costa Mesa - Recreation Division  
77 Fair Drive, Costa Mesa 92626 Phone: 714-754-5009 Fax: 714-754-5166

Note that to fly at Fairview Park you need the above permit, liability insurance (preferably AMA), and you need to follow City of Costa Mesa Ordinance No. 07-01, City Regulations for Issuance, Suspension and Revocation of Permits to Fly at Fairview Park, Academy of Model Aeronautics Safety Code, and the Fairview Park Flying Field Rules which are all posted at Fairview Park and on our web site at [www.1hss.org](http://www.1hss.org). You do not need to be a Harbor Soaring Society member (but it is good to have you join us).



**Results for SC2 Competition Hosted by HSS 20 May 2010**

HSS sponsored the fourth SC-2 soaring competition on May 20, 2012 at the SWSA facility at Fish Canyon in Azusa. Results are shown below. Congratulations to Erv Szego for third and Todd MacAndrew for fourth in Sportsman class.

<b>SC-2 Contest #4</b>				<b>Hosted By HSS</b>									<b>Contest Entries</b>	
<b>Fish Canyon Field, Azusa, CA</b>				<b>Jim Hansen, Contest Director</b>									<b>37</b>	
<b>May 20, 2012</b>				<b>Jim Hansen, Scorekeeper</b>										
<b>Precision Duration Format</b>				<b>Round 1, 6 mins.</b>			<b>Round 2, 8 mins.</b>			<b>Round 3, 10 mins.</b>			<b>SCORES</b>	
<b>Place</b>	<b>Pilot</b>	<b>Club</b>	<b>Class</b>	<b>T1</b>	<b>L1</b>	<b>S1</b>	<b>T2</b>	<b>L2</b>	<b>S2</b>	<b>T3</b>	<b>L3</b>	<b>S3</b>	<b>Total</b>	<b>Norm</b>
1	Filice, Gary	TOSS	E	5.59	90	987.5	8.04	80	972.5	10.03	100	995.5	2955.5	1000.0
2	Cavazos, Robert	ISS	E	6.00	80	980.0	8.00	70	970.0	10.01	60	958.5	2908.5	984.1
3	Brooks, Tony	SWSA	E	6.13	90	957.5	8.02	90	986.3	9.59	60	958.5	2902.3	982.0
4	Anderson, Major	SWSA	Int.	5.58	60	955.0	8.04	80	972.5	10.03	70	965.5	2893.0	978.9
5	Romero, Chico	ISS	Int.	6.03	90	982.5	8.06	70	958.8	10.02	40	937.0	2878.3	973.9
6	Lueken James	TOSS	RES	5.57	60	952.5	7.59	30	928.1	9.56	70	964.0	2844.6	962.5
7	Thonet, Andy	SWSA	E	5.57	0	892.5	7.56	60	952.5	10.00	80	980.0	2825.0	955.8
8	Funfstuck, Albert	SWSA	Int.	6.01	60	957.5	7.58	0	896.3	10.00	70	970.0	2823.8	955.4
9	Lee, Mike	ISS	E	5.58	0	895.0	7.55	50	940.6	9.59	80	978.5	2814.1	952.2
10	Thonet, Andy	SWSA	RES	5.57	70	962.5	7.56	30	922.5	10.00	20	920.0	2805.0	949.1
11	Cavazos, Robert	ISS	RES	6.02	70	965.0	7.59	40	938.1	10.00	0	900.0	2803.1	948.4
12	Garland, Steven	ISS	E	6.02	90	985.0	7.59	20	918.1	9.58	0	897.0	2800.1	947.4
13	Borer, Dan	SWSA	RES	5.58	90	985.0	7.58	90	986.3	9.02	0	813.0	2784.3	942.1
14	Borer, Dan	SWSA	Int.	6.01	80	977.5	7.59	50	948.1	9.20	10	850.0	2775.6	939.1
15	Brooks, Tony	SWSA	RES	5.59	50	947.5	7.59	10	908.1	10.00	10	910.0	2765.6	935.8
16	Ward, Les	ISS	S	6.05	80	967.5	8.00	0	900.0	8.53	0	799.5	2667.0	902.4
17	Cavazos, Kerry	ISS	S	6.06	0	885.0	7.57	80	974.4	6.47	80	690.5	2549.9	862.8
18	Vera, Edgar	SWSA	RES	5.58	50	945.0	7.59	100	998.1	5.40	40	550.0	2493.1	843.6
19	Halford, Phillip		E	6.03	40	932.5	4.01	100	551.9	10.04	50	944.0	2428.4	821.6
20	Vera, Edgar	SWSA	E	6.00	70	970.0	7.57	100	994.4	4.11	80	456.5	2420.9	819.1
21	Funfstuck, Albert	SWSA	RES	5.55	10	897.5	8.04	70	962.5	5.08	0	462.0	2322.0	785.7
22	Szego, Erv	HSS	S	3.10	0	475.0	7.58	40	936.3	10.07	0	889.5	2300.8	778.5
23	Garland, Matt	ISS	E	5.57	90	982.5	8.01	0	898.1	4.37	0	415.5	2296.1	776.9
24	Khani, Ali	SULA	E	5.59	0	897.5	3.28	0	390.0	9.57	100	995.5	2283.0	772.5
25	Graham, Eber	SWSA	E	6.00	90	990.0	8.03	50	944.4	3.06	0	279.0	2213.4	748.9
26	Stewart, Ed	ISS	E	6.08	0	880.0	7.57	0	894.4	4.40	0	420.0	2194.4	742.5
27	Romero, Chico	ISS	2-M	5.11	0	777.5	8.02	70	966.3	1.51	0	166.5	1910.3	646.3
28	Throop, Terry	SULA	E	5.59	60	957.5	7.57	0	894.4	0.00	0	0.0	1851.9	626.6
29	MacAndrew, Todd	HSS	S	5.52	60	940.0	3.02	10	351.3	5.10	90	555.0	1846.3	624.7
30	Stark, Toni	SWSA	E	0.00	0	0.0	8.03	20	914.4	10.04	0	894.0	1808.4	611.9
31	Funfstuck, Albert	SWSA	2-M	6.00	80	980.0	2.00	80	305.0	5.07	0	460.5	1745.5	590.6
32	Filice, Gary	TOSS	RES	2.41	0	402.5	8.15	0	871.9	3.31	30	346.5	1620.9	548.4
33	Smith, Jim	SWSA	RES	6.03	0	892.5	2.47	0	313.1	4.23	0	394.5	1600.1	541.4
34	Townsend, Craig	SULA	Int.	6.00	90	990.0	0.00	0	0.0	4.04	20	386.0	1376.0	465.6
35	Corsaro, Frank	SWSA	2-M	0.00	0	0.0	6.25	0	721.9	3.48	0	342.0	1063.9	360.0
36	Gomez, George	ISS	E	5.57	80	972.5	0.00	0	0.0	0.00	0	0.0	972.5	329.0
37	Gomez, Manny	ISS	E	5.59	60	957.5	0.00	0	0.0	0.00	0	0.0	957.5	324.0

**Silent Electric Flyers of San Diego**

Steve Belknap is editor of the newsletter for Silent Electric Flyers of San Diego (SEFSD). This club is tremendously active as can be seen by visiting their website [www.sefsd.org](http://www.sefsd.org). Steve puts a lot in his newsletter, and of particular interest is an article from 1950 about a B-36 mission that turned into a real nightmare. Visit the site and check out the newsletter, and all their activities, including their indoor facility at Miramar College. HSS would do well to work out a deal with Estancia High School to use their gym for evening indoor flying.



**HSS Bent Wing Soaring Competition**

On Saturday June 16 2012 HSS will be sponsoring the Bent Wing soaring competition. Guests welcome. Details and application are shown in the flyer below. Members are needed to staff this event.  
Contact Jim Sonnenmeier.

**Saturday June 16, 2012  
Rudder / Elevator / Spoiler  
and Woody Glider contest  
9:00am to 2:00pm  
HSS Flying Field Fairview Park.  
Costa Mesa**



**RES & RES Woody Glider  
Contest 3 rounds. AMA / SC<sup>2</sup> RES  
rules. Early entry fee \$8.00  
\$10.00 on contest day. Details  
contact Jim Sonnenmeier  
jrs36psu@gmail.com.  
Trophies for 1st - 3rd place.**



**BENT WING R.E.S.  
CONTEST**

**ENTER FORM**

NAME: \_\_\_\_\_ AMA # \_\_\_\_\_  
 ADDRESS \_\_\_\_\_ CITY \_\_\_\_\_ ZIP \_\_\_\_\_  
 PHONE # \_\_\_\_\_ FREQ. \_\_\_\_\_ e-mail address \_\_\_\_\_

Make check payable to: Harbor Soaring Society



**Sixth Annual Scale Fly-In**

Randy Wilbur is Contest Director for the Sixth Annual Scale Fly-In held June 23-24 at the Prado Airpark in Chino CA. This is a spectacular event put on by the Scale Squadron of Southern California. Here is that chance for all of you with giant scale electric planes like Phil Bland's 1/4 scale Albatross, the big ones that Don Hofeldt likes to fly, and of course our President Walt Cloer and his big B-17. Rob Askegaard has attended previous events, and has shown us photos of some astonishing models. See you there.

**SCALE SQUADRON OF SOUTHERN CALIFORNIA PRESENTS**

**SIXTH ANNUAL SCALE FLY-IN**

**JUNE 23-24 2012**

SIGN-UPS START FRIDAY AFTERNOON  
**PRADO AIRPARK**  
**CHINO, CA**  
**HOME OF THE**

**Attention Pilots**

**JUDGING CATEGORIES:**  
 •COMMANDER'S AWARD •BEST JET  
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 •BEST CIVILIAN •BEST SCALE AEROBATIC  
 •BEST MULTI-ENGINE •BEST DETAILED ARF •PEOPLE'S CHOICE

3D STYLE AEROBATICS NOT ALLOWED

Don't miss our Saturday Night Pilots's Banquet, only \$20.00/person at the World-Famous "Hangar" featuring great food, great fun, and an amazing hobby auction!

**NEW! • FREE PILOTS-ONLY GAS CARD GIVEAWAY**  
 • FREE PILOTS-ONLY GIVE-AWAY DRAWING  
 • AWARDS PRESENTED FOR 10 CLASSES

**LANDING FEE, \$25 PER PILOT**

**DRY OVERNIGHT CAMPING**  
**NO HOOK-UP**  
**\$10.00 PER NIGHT**

**MAP NOT TO SCALE**

**AMA**  
 AMA Charter 1520

**SOROKA VALLEY MODEL AIRPLANE CLUB**

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**AMA SANCTION 120240**

**CONTEST DIRECTOR: RANDY WILBUR 949-683-9662 RWILBUR@VIDEOTECHENG.COM**

**V.2F**

### September Fun Fly at Victor Valley RC Flyers

VVRCF is planning to host a fun fly in September covering the 14<sup>th</sup>, 15<sup>th</sup> and 16<sup>th</sup>. Here are their details.

This would coincide with "Hesperia Days" which is a celebration the town holds every year on the 15<sup>th</sup> with fireworks at Hesperia Lakes and a parade down through the middle of town. Because of our flying field location we can really enjoy the fireworks from our field.

This fun fly will include full access to our facilities including the Soaring area, a 550 foot paved RC runway and helicopter area. We encourage all types of aircraft except rockets and fuel burning jets (turbines). Ducted fans are OK. Detail on the facilities can be found at the Websites; [vvrcef.org](http://vvrcef.org) and [nomotorflyer.com](http://nomotorflyer.com)

Ronnie Espolt and myself will be staying at the field Friday and Saturday nights and we plan to have a barbeque available if people wish to bring things too cook. We have room for all sorts of self contained RV's and Andy-Gump's are on site. No potable water is available however.

We can make the Soaring facilities open to any level of operation we wish to pursue.

Rick Pearson, AMA# 9369, phone: 951-240-9704

Downers Grove, IL

### Flight Performance Program

We received this message through Ted Broberg, but it was a little too late for the May issue of Plane Rap. Now we are catching up on a pretty interesting web site and program developed by Ed DeLaura.

Ed,

Thanks for sending this. I'll forward it to our newsletter editor for him to act on.

Ted Broberg

-----Original Message-----

From: Ed Delaura

Sent: Apr 25, 2012 8:23 AM

To: "[TBroberg@earthlink.net](mailto:TBroberg@earthlink.net)"

Subject: Fellow RC Flyer

Dear Ted Broberg,

I have been flying RC models since the 1970's and it's still a great hobby. For years, I've been trying to optimize my planes' performance to my flying skills, which keep changing. Finally, I learned how and developed a Windows program that makes it easy. If you would please include the following message in your next newsletter, your members may want to learn more about it. I appreciate your cooperation.

Thank you,

Ed DeLaura A.M.A. 59440

Get the best flight performance and more enjoyment from your model planes.

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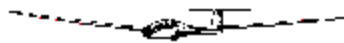


**Model of the Month**

You airplane guys wanna see a fabulous model? This is Phil Bland's 1/4 scale Albatross built by Kenny Blasius. That's Kenny on the left, and Phil on the right. It hasn't flown yet - just came out to the field for some taxi runs so far. It weighs 22 lbs with batteries, so we won't get to see it fly at Fairview, but it sure is gorgeous. Note the excellent engine detail with valve springs and all that stuff.

Photos and story by Rob Askegaard.

Thanks Rob – Ed.

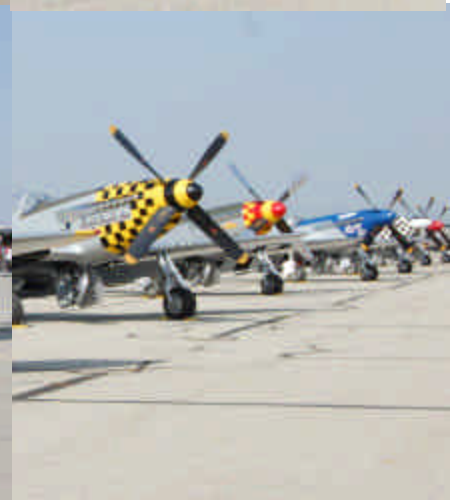
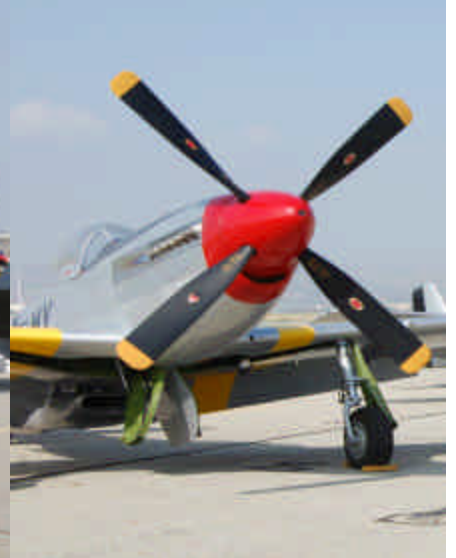


**Chino Air Show**

Our intrepid staff photographer, Rob Askegaard, is such an airplane enthusiast that he became a member of the Chino Planes of Fame Air Museum. This gets him into the Chino Air Show for free, so of course, we get to feature some of his photos which will be of interest to everyone. – Ed.



Chino Air Show (Continued)





## Quad-copter Times Four

Here is the next step in what is popular among our quad-copter enthusiasts. This is a man carrying version developed by a German company called "e-volo". Go to [www.e-volo.com](http://www.e-volo.com) for lots of details, and a video of the VC1. Unfortunately, photos of the first aircraft were not available, but computer generated images of their proposed commercial versions of one and two passenger aircraft are shown below.

On October 21st, 2011, Thomas Senkel of e-volo made the first manned flight with an electric multi-copter, the so called volocopter VC1, at an airstrip in the southwest of Germany. The flight lasted 90 seconds, after which the constructor and test pilot stated: "The flight characteristics are good natured. Without any steering input it would just hover there on the spot". This could be the future of flight, piloting a device as easy as a car.

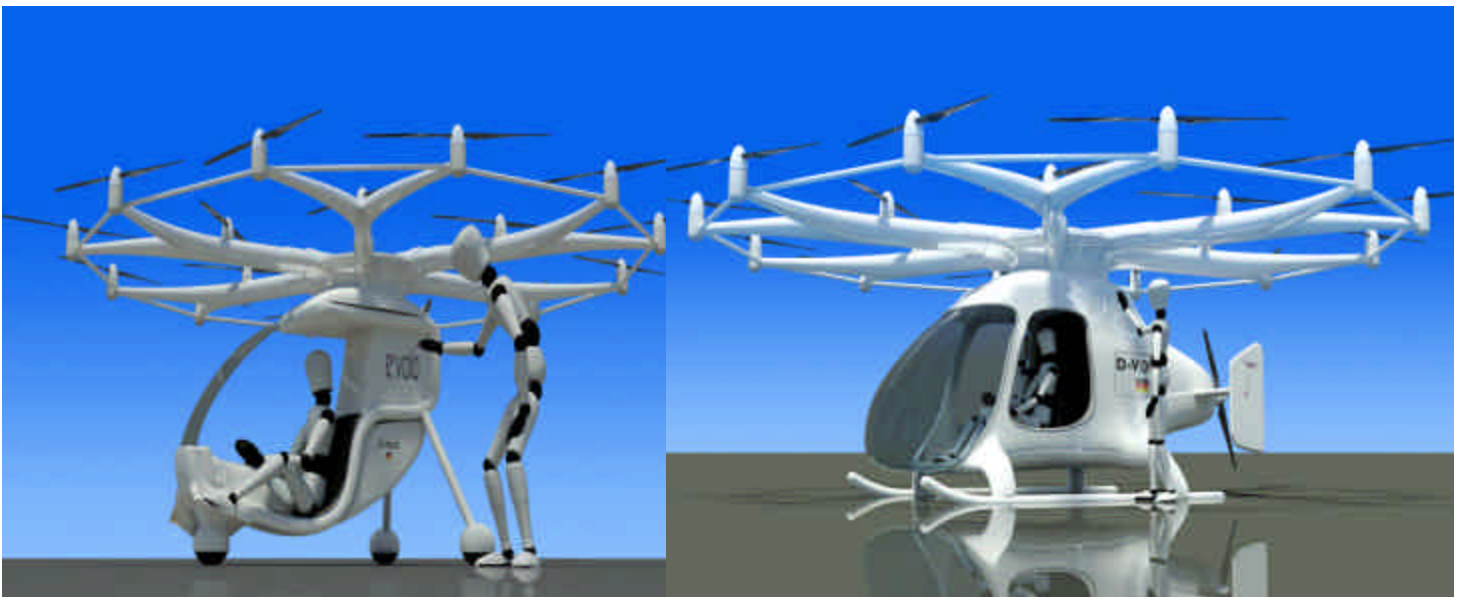
The VC1 was designed as a stepping stone towards the goal of developing manned aircraft, and at first it was intended for unmanned test flights. The flight performance at this stage was already so reliable that the e-volo team decided to take the calculated risk of a manned flight. The ascending force as well as the stability in the air comes from its 16 propellers. With its four arms, it measures approximately five by five meters (17 by 17 ft) and has an empty weight of around 80 kg including the batteries. The automatic position control and the directional control take place by means of several independent and mutually monitoring airborne computers which control the rotation speed of each drive separately. As opposed to helicopters, no mechanical pitch control of the propellers is necessary whatsoever. An optional, additional pusher propeller enables an even faster flight.

Currently, the limiting factor is the energy capacity of available batteries. However, a considerable advancement in battery technology is conceivable during the next few years, so that a multiplication of the energy capacity will occur within a short period of time. At present a battery flight time of 20 minutes is possible, but in the near future this will be extended to one hour or more.

To enable a flight time of several hours right from the start, our two-seater volocopter (shown at right, below) is being developed as a serial hybrid electrical aircraft with a range extender.

A range extender is an additional aggregate in an electrical vehicle which extends the range of the vehicle considerably. The most commonly used range extenders are combustion motors which power a generator that supplies the batteries and electrical engines with electricity. Range extenders run at a constant rotation speed with optimal efficiency.

On April 20, 2012, at AERO-Friedrichshafen, Germany, Erik Lindbergh, grandson of Charles and Anne Morrow Lindbergh, announced e-volo the AERO 2012 winner of the ninth Lindbergh Prize. The Lindbergh Foundation's aviation prizes are designed to recognize and stimulate innovation, and promote meaningful advancements in green aviation.



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

This area of the newsletter 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.

**For Sale: Radio Equipment** - Hitec Eclipse 7 channel FM transmitter with the following; the Eclipse manual, wall charger and 10 receivers listed below.

5 - Hitec 7 Ch.

2 - Hitec Micro Electron 5 Ch.

1 - FMA 5 Ch.

1 - RCD 535 5 Ch.

1 - GWS Naro 5 Ch.

2 - Extra crystals on Ch 39

Asking \$150.00 - will consider a trade.

Contact me at 714 604 5296 - Bob Shourt

**For Sale: Sig Rascal 110 ARF**



Astro 60 with super gear box  
Astro 204 Speed Control (12 lipo cells max)  
Prop 24x12 – 31 Amps, 1300 watts  
4- HS475HB Servos  
Spectrum AR6200 receiver

Uses 2- 6 cell lipo motor batteries (not included)  
Wingspan 110", Area 1522 square inches  
Length 75.75"  
Weight (including motor batteries) 15.43 lb  
1100 mah receiver battery

**\$300 with receiver, \$200 without receiver**

**Dennis B. Anderson (714) 531-1320**

### Free Website For Model Classified Ads

Hi I'm Tyler with [TheRCSwap.com](http://TheRCSwap.com), and was wondering if anyone in your club owns a small RC business or just has some RC stuff to sell?

[TheRCSwap.com](http://TheRCSwap.com) is a new free, RC only classifieds site that was made by RC'ers for RC'ers just to help people buy and sell their RC stuff, and help small RC businesses advertise their products/business for free to help drive traffic/sales to their stores.

You can post any amount of ads for free or upgrade your ads to be seen more easily. If you own a website, or a store you can link from our site to yours for free.

Clubs can advertise their Clubs or Events for free as well, just another way to get the word out about your club! If you'd like to know more, just come check us out! Thanks.



### Plane Rap Classified Ads and Services - For Sale (continued)

**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)

### HSS Sponsors

The following companies are the proud sponsors of Harbor Soaring Society. They give us special offers, and make contributions to our Adopt-A-School program. In return, please support them, and mention that you saw them advertised in the HSS Plane Rap newsletter.

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Radio Control Airplanes, Helicopters, and Cars.  
 15071 Goldenwest St. Huntington Beach  
 S.W. Corner of Goldenwest & Bolsa Ave  
 (714) 372-3777

All HSS Club members with proof of club membership, will get a 7&3/4% discount on most parts and accessories. Discount does not apply to plane kits, helicopter kits, radios, and other already marked down products. Please ask staff if you have any further questions.

[Robsrchobbies.com](http://Robsrchobbies.com)

[robsrchobbies@earthlink.net](mailto:robsrchobbies@earthlink.net)



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**MEMBERSHIP APPLICATION FOR 2012**

**Harbor Soaring Society  
P.O. Box 1673  
Costa Mesa, CA 92626  
AMA Chartered Club # 128**

**AMA's Oldest Chartered Soaring Club Gold Leader Club, 2012; Silver Leader Club Since 2009**

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. #** \_\_\_\_\_  
**CITY** \_\_\_\_\_ **STATE** \_\_\_\_\_ **Zip** \_\_\_\_\_ **E-MAIL** \_\_\_\_\_

**AMA #** \_\_\_\_\_ **(PROOF OF STATUS REQUIRED, Xerox copy OK)**

**DATE OF BIRTH** \_\_\_\_\_ **Frequency channels used** \_\_\_\_/\_\_\_\_/\_\_\_\_/\_\_\_\_

- NEW APPLICANTS (Without Name Tag)--(17 years and older) = \$20.00**
- SENIOR MEMBER (Renewal W/O Name Tag)(17 years and older) = \$20.00**
- JUNIOR MEMBER -----(16 years and under), = \$10.00**
- Optional or Extra HSS Name tag----- = \$15.00; including mailing**
- I hereby give my permission to publish my [ NAME ], [ ADDRESS ], [ PHONE ], [ E-MAIL ADDRESS ] in the monthly newsletter. (Strike out any element of personal information that should not be published). Note that newsletter is published on club web site.**
- I request E-mail delivery of the monthly newsletter. (Include E-mail address above.)**
- I request printed copy of the monthly newsletter by U.S. Mail. Printing and mailing = \$20/year.**

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

<b>Thermal Duration Gliders</b> _____	<b>Slope Soaring Gliders</b> _____	<b>RES Gliders</b> _____
<b>Large Scale Gliders</b> _____	<b>Hand Launched Gliders</b> _____	<b>Electric Motor Gliders</b> _____
<b>Park Flyer Electric Planes</b> _____	<b>Acrobatic Electric Planes</b> _____	<b>Scale Electric Planes</b> _____
<b>Electric Pylon Racing</b> _____	<b>Indoor Electric Planes</b> _____	<b>Electric Helicopters</b> _____

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** \_\_\_\_\_



**HSS MEMBERSHIP SURVEY – 2011 - 2012**

Please take a few minutes to share your flying-related information with the HSS board so that we can better maintain and enhance the enjoyment of flight for you and all Fairview flyers. Thanks!

Name \_\_\_\_\_ Date \_\_\_\_\_

**1. What kind of RC flying/planes do you enjoy?** (1=favorite, 2=next, etc):

Glider: Winch launch\_\_ Hi-start\_\_ Slope\_\_ Hand-launch\_\_ Other \_\_\_\_\_

E-power: Powered Sailplanes\_\_ Scale\_\_ Sport\_\_ Acrobatic\_\_ 3D\_\_ Speed\_\_ Helicopter/autogyro \_\_

Other-such as \_\_\_\_\_

**2. Where do you prefer to fly at Fairview?** (1, 2, 3, etc) Sailplane area \_\_ Slope \_\_ Runway \_\_ Other \_\_

**3. Which days do you usually fly?** Weekday\_\_ Saturday\_\_ Sunday\_\_

**4. When is your usual time?** Early AM\_\_ Mid-late AM\_\_ Noon\_\_ Early PM\_\_ Late PM\_\_

**5. How often do you usually fly?** Almost Daily\_\_ Two-three days/week \_\_ Every week or so\_\_ Less\_\_

**6. At the field what do you prefer to do?** Mostly fly\_\_ Mostly socialize\_\_ Both equally\_\_

**7. What kind of activities would you best enjoy at the field?** (1=favorite, 2=next, etc):

Contests\_\_ Which kind? \_\_\_\_\_

Fun flies\_\_ Swap meets\_\_ Displays\_\_ Airshows\_\_ Social activities\_\_ breakfasts\_\_ BQ lunches/dinners\_\_

Other-such as \_\_\_\_\_

**8. Do you often fly at some other site(s)?**\_\_ **9. Where?** \_\_\_\_\_

**10. Do you belong to any other RC club(s)?** \_\_ **11. Which?** \_\_\_\_\_

**12. Do you read the HSS Plane Rap** \_\_ Comments? Suggestions \_\_\_\_\_

**13. Do you visit/use the HSS web site?** \_\_ Comments? Suggestions? \_\_\_\_\_

**14. Do you attend HSS meetings?** Usually\_\_ Sometimes\_\_ Seldom\_\_ Never\_\_

Comments? Suggestions? Speaker/Subject Ideas? \_\_\_\_\_

**15. Are you retired?** \_\_ **16. Do you have any special skill, expertise, experience or time which you might share?**\_\_ What? \_\_\_\_\_

**17. Would you help out occasionally with small simple club projects (one-two hours)?** \_\_

**18. Would you consider donating planes, equipment, funds or other for club purposes?** \_\_

Comments? Suggestions? \_\_\_\_\_

**19. What can the club do better as to the field, membership services, etc?** Comment? Suggestions? \_\_\_\_\_

**20. Would you consider serving as a HSS board member?** \_\_ **Contest Director?**\_\_ **Trainer?**\_\_

**Committee member?** \_\_ **Special Projects helper?**\_\_ **Meeting speaker?** \_\_ **Other?** \_\_\_\_\_

Thanks for your info! Please: respond as instructed in the on-screen survey; or email via: [www.1hss.org](http://www.1hss.org);

Or mail to: Harbor Soaring Society . P.O. Box 1673 . Costa Mesa, CA 92626





It's our 40th year,  
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*You are invited to:*

**Absolutely, Positively,**

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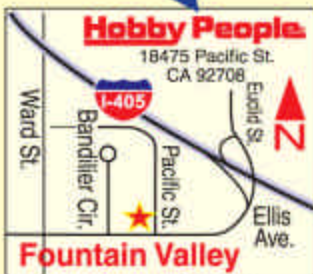
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WAREHOUSE  
INVENTORY**

**BLOWOUT**

**EVER!**

**WHEN:** Saturday,  
June 16  
7 a.m. to 2 p.m.

**WHERE:**



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REGULAR  
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**FREE \$10<sup>00</sup>  
Gift Card just for  
attending**

**Pallet loads  
of hobby goods  
overflowing into our  
parking lot**

***Don't miss  
this one!***

**FREE Raffle:  
your chance to  
win great prizes**

Some items in limited supply. Some items may have limited quantities per customer. Plan to arrive early!

## HARBOR SOARING SOCIETY OFFICERS FOR 2012

President	Walt Cloer	714-865-6411	<a href="mailto:waltcloer@gmail.com">waltcloer@gmail.com</a>
Vice President	Erv Szego	714-235-9052	<a href="mailto:ervszego@msn.com">ervszego@msn.com</a>
Treasurer	Dennis Anderson	714-531-1320	<a href="mailto:dba999@pacbell.net">dba999@pacbell.net</a>
Secretary	Ted Broberg	714-235-6430	<a href="mailto:tbroberg@earthlink.net">tbroberg@earthlink.net</a>
General Director	Henry Smith III	714-322-6537	<a href="mailto:henry.smith.3@earthlink.net">henry.smith.3@earthlink.net</a>
Contest Coordinator	Jim Hanson	949-294-8365	<a href="mailto:tog4rc@pacbell.net">tog4rc@pacbell.net</a>
Safety Officer	Karl Hawley	949-232-4590	<a href="mailto:kvhawley@yahoo.com">kvhawley@yahoo.com</a>
Editor	Fred Hesse	714-963-5838	<a href="mailto:fhesse@socal.rr.com">fhesse@socal.rr.com</a>
Publisher	Mike Gaczowski	949-582-9390	<a href="mailto:mgaczowski@cox.net">mgaczowski@cox.net</a>
Club Photographer	Rob Askegaard	714-968-1973	<a href="mailto:rmaskegrd@juno.com">rmaskegrd@juno.com</a>
Web Site Administrator	Don Knight	714-362-5913	<a href="mailto:knightdg@ocvhost.com">knightdg@ocvhost.com</a>
Flight Instructor	Ted Broberg	714-235-6430	<a href="mailto:tbroberg@earthlink.net">tbroberg@earthlink.net</a>

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

## NEXT CLUB MEETING WILL BE:

**TUESDAY JUNE 5th 2012, AT ROUND TABLE PIZZA, 11075 WARNER AVE.  
FOUNTAIN VALLEY, 7 – 9 PM. ALL YOU CAN EAT \$6.99.**

**BRING YOUR WIFE, FAMILY, AND FRIENDS FOR DINNER.**

**BRING YOUR LATEST PLANE FOR SHOW AND TELL.**

**WE WILL ALSO HAVE A RAFFLE. SEE DETAILS AND MAP TO LOCATION ON PAGE 7.  
SEE THE COLOR NEWSLETTER SENT BY E-MAIL AND AVAILABLE ON OUR WEB SITE.**

