



AMA Charter Club #128
<http://www.1hss.org>

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



November 2011

Volume 48

THIS MONTH'S HEADLINES

Election of 2012 Officers – Vote at Nov 1 meeting or send absentee ballot.
 Save December 6 for annual HSS Christmas Party.
 Indoor Fun Fly at Tustin Dirigible Hangar, Nov 27 and Dec 29.

Plane Rap Index

Check out the following articles:

- Minutes for Oct. 4 General Mtg. P. 2-3.
- Nov 1st Meeting Announcement. P. 3.
- Raffle Prize for Nov 1st. P. 4.
- AMA Comments on Terrorists P. 5.
- Fairview Park Cleanup Party P. 6.
- City Permit for 2012. P. 7-8.
- Indoor Fun Fly Announcement P. 9.
- Christmas Party Announcement P. 10.
- HSS Election Ballot. P. 11.
- CVRC Competition Results. P. 12.
- Models of the Month. P. 13-15.
- Dawn Patrol at Fairview Park P. 16-17.
- ALES Cumulus Ad P. 18.
- SC-2 Competition Schedule. P. 19.
- SC-2 Competition Results. P. 19.
- Seen Around the Runway. P. 20.
- Classified Ads/Sponsors. P. 21-22.
- HSS Membership Application P. 23-24.

Coming Events and Soaring Competitions

October - December 2011

The following events are of special interest.

- Fri-Sun Oct 28-30. Wings over Chino Scale Aircraft Gathering. Prado Airpark, Chino. Info at www.pvmac.com.
- Tuesday Nov. 1. HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. General meeting at 7 PM. Exec meeting at 6:15. Election of 2012 club officers.
- Saturday Nov 12. Fairview Park Cleanup Day. Free coffee and donuts. Meet at covered picnic area at 8 AM. Details on page 6.
- Sunday Nov. 27. Indoor Fun Fly at Tustin LTA hangar. Sponsored by HSS. See details on page 9 of this newsletter.
- Tues. December 6. Annual HSS Christmas Party and 2012 Officer Installation. Coco's Restaurant, 2750 Harbor Blvd. at Adams. 6 PM. Wives, children and friends welcome. See announcement on page 10 of this newsletter.
- Thursday Dec. 29. Indoor Fun Fly at Tustin LTA hangar. Sponsored by HSS. See details on page 9 of this newsletter.

HSS Business and General Meeting Minutes for October 4, 2011

Called to order at 7:00 p.m. Officers In attendance were Newsletter Editor Fred Hesse, Competition Director James Hanson, Treasurer Dennis Anderson, Safety Officer Karl Hawley, and Secretary Ted Broberg. Also in attendance were Jim Sonnenmeier, James Jones, Kevin Netemeyer, Maxine and Ross Thomas, Jerry Hunter, Art Tinsley, David Whittington, Joni Whitsitt, Randy Wilbur, Bob Voss, Jeff Greene, William Vincent II, John Anderson, Erv Szego, Bill and Ben Zeissner, and Mike Fox.

Jerold Hunter made a contribution of \$1,000 toward the field expansion fund. Thanks, Jerry!

Community Service opportunity for the City: John Anderson mentioned an idea for us to work with the O.C. Miniature Railroad Club to clean up the entire park. Saturday, November 12, tentatively. Fred suggests that HSS provide coffee and donuts. More later.

Christmas Party: To be announced; for now, it looks like Coco's on Harbor near Adams. Ted will arrange and announce it.

Activities at Fairview Park:

1. Saturday, Oct. 8th, 8:00-11:00 a.m., Vanguard Track Meet;
2. Same date, 11:00 a.m. to 2:00 p.m., Pop Warner uses the area east of the flying field for parking. We should stay away from both events.

Elections are coming: We have no nominees for President, and the Vice President will not be able to serve next year. Please send nominations to Fred by October 22. We have candidates for most other positions, but not for Website Administrator and Photo Administrator. These are critical needs. Each are volunteer positions. Contact Fred if you are willing to fill any of these spots.

Program: three members presented things they are working on:

1. Jim Hanson, on his FPV (First Person View) plane. This is a camera and telemetry system that sends the ground unit a great deal of information, including number of satellites it "sees," altitude, air speed, compass heading, and direction to return to home; he can tell the plane to circle, maintain altitude and direction, or fly by his radio's command. The plane has a built-in gyro and auto-pilot. He can fly the plane without looking directly at it, as he can "look" through the camera lens with a ground-based video display on a table. AMA rules require that the plane always be within sight of the ground operator, but the range of the control system give it quite a long range. He can take still photos on demand, or at preset intervals.

Question: Where do you get the component parts? A: Check on-line. There's a wealth of information out there, and you just have to do the research.

- He saves the telemetry information to his TOSHIBA laptop computer and/or an S/D card aboard the plane.
- Camera is a GO-PRO HERO, in Hi Definition; an OSD (On Screen Display) and transmitter send the picture and telemetry to the ground unit.
- Control Transmitter: Spektrum DX 9 with telemetry display.
- Plane: SKYWALKER, from Bird's Eye, in China.

NOTE: The FAA is working on rules to control model aircraft, considering that models are sUAV's. (small Unmanned Aerial Vehicles) Check latest at AMA web site www.modelaircraft.org .

2. John Anderson: He's working with young students at Wilson Elementary School, near Fairview Park, introducing them to flying things, including plants (e.g., maple tree seeds), animals (like bats, flying squirrels), Super Heroes (Superman, Spiderman, and Harry Potter). He flew a plane made from an index card "backward" across the room. Ross pointed out that the ballast clay was on the "tail" of the plane; Ted remarked that "You canard'ly explain how it works." John then showed colored-pen sketches he's used with the kids, and announced that he's arranging for them to visit our field some weekend. We'll want some demo flights, and



HSS Business and General Meeting Minutes for October 4, 2011 (continued)

perhaps have one or two students take “buddy box” lessons on one or more of our trainers. More from John soon.

3. Fred Hesse, on lightweight construction of model planes and low-powered aircraft. Examples: GOSSAMER CONDOR, and Fred’s SOLAR WONDER (his experimental plane, with its 14-foot wingspread, 12” chord; 7 pounds; flew at 4 Watts per pound!)

-- How do you build them lighter? light materials, including DEPRON foam, I-beam balsa and fiberglass cloth; carbon fiber elements; construction with “web” diagonal bracing. He “rigidizes” balsa beams with carbon fiber sheets glued to the surfaces. (He has read a lot about carbon fiber bale, but has been disappointed by it.)

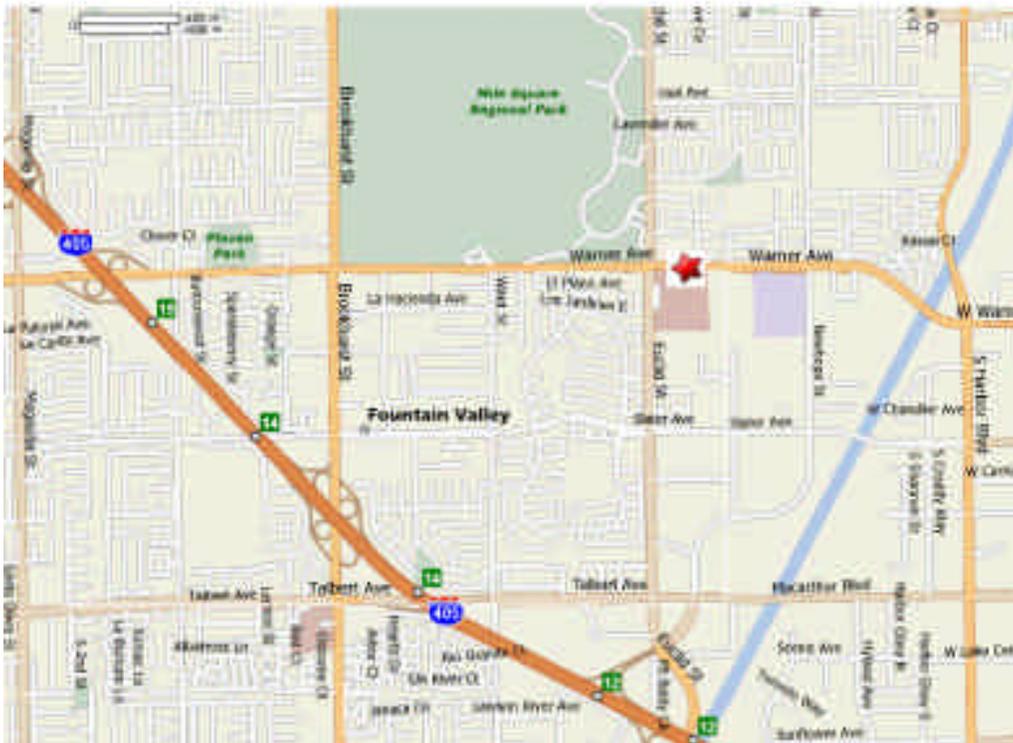
-- The sun puts 1300 Watts per square meter to the earth. The air takes some of that out, but with the sun directly overhead, we get about 1,000 Watts on the surface. This is reduced by the sun’s angle. SOLAR WONDER gets about 180 Watts, with the losses of solar circuitry, etc.

Drawing: Winners included 12-year-old flier Ben Zeissner: QUICKIE 500 plane from Dennis Anderson; Bob Voss, set of wheels from Walt Cloer; Randy Wilbur and Jeff Greene, CIRRUS standard servos, donated by Dennis Anderson; John Anderson, SKY SIMULATOR donated by Art Tinselly [John said he can use this with the kids at Wilson.] Several others won prizes, but re-gifted them to the drawing. Thanks for the generosity, folks. -- We could use some more contributions to the raffle fund.

-- Meeting adjourned at 8:15 p.m.. Respectfully submitted, Ted Broberg, Secretary.

November 1st General Meeting Notice

The next club meeting is Tuesday November 1st, 2011, 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. THIS IS ELECTON NIGHT FOR OUR 2012 OFFICERS. COME AND VOTE! Also, Curt Nehring will give a presentation on radio controlled sailboats. The meeting will be concluded with a raffle for the plane shown on page 4. The location is shown in the map below. The executive/steering committee meeting begins at 6:15 PM.



Raffle Prize Shortage

Anyone with model aircraft or equipment suitable for donation to the club raffles held each month should contact Ted Broberg at 714-235-6430 or tbroberg@earthlink.net .

2011 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. 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. Download document No. 902 from the publications page. And, don't forget your City of Costa Mesa Flying Permit. Details are shown on pages 7 – 8

New Water-Cooled LiPo Batteries

This is not something that aircraft pilots would need, but it is interesting to see technology advancement in other parts of the hobby, or is it?

MaxAmps.com is pleased to introduce the first water-cooled LiPo batteries on the market, the Water-Cooled Hard Case LiPo 6500 2-cell 7.4v Spartan Kit. This system offers lower temps and higher performance in the Traxxas Spartan. Using a micro pump, cool water is pulled through the packs and your boat's entire electrical system to keep everything running at ideal temperatures for maximum performance and higher top speeds.

Well, OK for electric speed boats, but our next model of P-38, P-51, and many other liquid cooled scale models might want to incorporate these cells.

<http://www.maxamps.com/Lipo-6500WC-74-Spartan-Pair.htm>

Raffle Prize for November 1st

The raffle prize for the November 1st meeting is shown to the right. Its wingspan is 47", length 52"; sheet balsa fuselage and stabilizer; built-up wing, fin, and rudder. No landing gear. Symmetrical mid-wing. Needs motor, servo and other electronics.

Thanks to Ted Broberg for photo and details.



AMA Comments on Terrorist's Plan

M U N C I E - The Academy of Model Aeronautics is shocked and outraged by the actions of a 26-year-old Massachusetts man arrested this week on federal charges for his intent to use an RC model airplane reconfigured as a UAV, similar to a military drone, for an explosive-laden attack on the U.S. Capitol and Pentagon. The suspect is not an AMA member nor has he been confirmed as being a model aviation enthusiast.

"When an otherwise safe and wholesome hobby becomes the focal point in a planned terrorist attack, we are as outraged as all citizens," said AMA Interim President Mark Smith. "Like all Americans, we appreciate the professionalism of the FBI in this case. The AMA's 143,000 aeromodelers throughout the country pledge to keep a vigilant eye in their communities on any suspicious activity involving RC aircraft."

To read the FBI's affidavit on the case, go [here](#). To read the media release from the Department of Justice, go [here](#).

Rezwan Ferdaus, a U.S. citizen from Ashland MA, and a physics graduate from Northeastern University, was arrested after lengthy monitoring and a sting operation by the FBI this week. Ferdaus had acquired three RC jets, an F-86 Sabre and two F-4 Phantoms, plus explosives and cell phones wired like IEDs. He kept them in a storage facility to work on. It isn't known at this time if Ferdaus was able to fly the airplanes or if he had assistance. The public, according to the bureau, was never in danger.

Though Ferdaus' plan was to convert a commercially available model aircraft into a GPS-guided unmanned aerial vehicle, there is a strong distinction between a hobbyist's model aircraft and UAVs designed for commercial or military use. "Modelers everywhere are outraged by the literal hijacking of model aircraft for such a nefarious purpose," said Rich Hanson, AMA's Government Relations and Regulatory Affairs representative and former Vietnam helicopter pilot. "Our 143,000 members follow a strict safety code, always fly within sight, and remain clear of frangible property or people. When we hear this sort of item and activity labeled as a 'model' we are concerned that our recreational and educational hobby is being misrepresented."

To date, the FBI has not released photos of the actual RC airplanes, only photos such as below of models that are "similar." "The public will see these photos and think 'model' when it is the internal configuration, capabilities, and use of the plane that defines it," continued Hanson.

This subversive plot has also been condemned by the [National Aeronautic Association](#). "The Academy of Model Aeronautics and its 143,000 members are the embodiment of education, professionalism, hobby pursuit, and friendly competition in the United States," said Jonathan Gaffney, president and CEO. "While this individual has never been associated with the AMA or modeling, we have the utmost confidence in AMA to work with the authorities in any way possible to assist in this investigation."

The Academy of Model Aeronautics is celebrating its 75th year in 2011. For generations it has posted what is arguably the safest record in all of aeronautics while providing a hobby and sport which has been the incubator of numerous luminaries in aviation and aerospace.



The plane shown in the above photo is similar to those planned for the attacks, but is not identical. To activate the above links, go to www.modelaircraft.org for the original text.



Fairview Park Cleanup Party

Volunteers are needed to have free coffee and donuts in exchange for a little community service. Join us!

Harbor Soaring Society, joined by OC Engineers model railroad club, is planning a half day of community service on Saturday November 12 from 8 AM to about 12 or 1 PM. We are picking up trash throughout Fairview Park in order to show appreciation for our allowed use of the park. Harbor Soaring Society will provide free coffee and donuts and at least 100 13 gallon draw string trash bags. We recommend that volunteers bring a few leaf rakes and shovels for cleaning up cigarette butts and small papers. HSS will arrange for the removal of all trash bags.

**FREE!***Coffee**and**Donuts***8am Saturday,
November 12, '11*****Fairview Park Cleanup******Volunteer for 1/2 day
Community Service******Meet at the covered picnic tables
near the south end of the park******Sponsored by:******Harbor Soaring Society
OC Engineers - Model RR Club***

AMA EXPO 2012**Youth AMA EXPO ticket prices reduced; all attendees get free mobile app**

AMA EXPO 2012, January 6-8, Ontario CA, is offering youth ages 13-18 a reduced price of \$5 each. Group tickets purchased in advance also see savings at a reduced price of \$8 per ticket, a \$2 savings. In addition, all attendees will be able to download a free iPhone RC Flight Source mobile app, featuring AMA flying sites, news, reviews, tools, and workshops, courtesy of 2Brothers Hobby, the app's developer. Go to www.modelaircraft.org for details.

AMA District X Ramps It Up Online

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?

Fairview Park Activities

We have the following list of activities planned for Fairview Park by the City of Costa Mesa. Except as noted for the free concerts, these activities require closing our runway and concluding model flying from approximately 8:00 AM until noon or 1:00 PM. Flying may resume in the afternoon. Please use good judgment. Club management will post reminders at the field for each event at least one week in advance.

Sun.	Oct. 30	Annual Cross Country Meet.
Sun.	Nov. 6	O.C. League Cross Country Finals.
Sat.	Nov. 12	Park Cleanup sponsored by HSS and OC Engineers. See ad on page 6.

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 (shown on next page), 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) – 3rd 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. You do not need to be a Harbor Soaring Society member (but it is good to have you join us).



2012 Park Permit Application



Permit Application to Fly Radio-Controlled Model Aircraft at Fairview Park

Applicant Information

Date: _____

Name (Please print clearly): _____

Home Address: _____ City: _____ Zip Code: _____

Telephone: Home _____ Business: _____ Cell: _____

Fax: _____ E-mail Address: _____

Academy of Model Aeronautics

Member: Yes No

AMA Number: _____ Valid AMA Year: _____ Photo ID confirmed: Yes No

List experience flying model aircraft:

Proof of liability insurance if not an AMA member, provide a copy _____
 *Proof of current AMA membership, with the City of Costa Mesa named as an additional insured on the AMA provided policy or a copy of your homeowner's insurance policy declarations page with an endorsement naming the City of Costa Mesa as an additional insured.

Learner's Permit (8-14 years old) - \$10 Fee

Must be accompanied by an adult when flying at Fairview Park.

Age _____ Emergency Contact Telephone Number: _____

Parent/Guardian

Name: _____ Signature: _____

Declaration

I declare under penalty of perjury that the information provided in this application is true and correct and that I have reviewed the City of Costa Mesa Ordinance No. 07-01 Adopting Radio Controlled Model Aircraft Flying Regulation for Fairview Park and I agree to comply with all the requirements and regulations of that Ordinance as well as the Flying Field Rules for Fairview Park. Harassment of animals and birds is not allowed in the park. Do not disturb native plants or vernal pools.

Applicant's Signature: _____ Date: _____

Submit to City of Costa Mesa, Recreation Division, 3rd Floor, 77 Fair Dr., Costa Mesa, California.

Permit Number Issued: _____

IF YOU HAVE ANY QUESTIONS, PLEASE CALL (714) 754-5300

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The Next Indoor Flying Opportunity at Tustin Blimp Hangar

HSS has another grand but rare opportunity to fly indoor models at the Tustin LTA hangar. Two days are planned, so get to building your indoor models. Details below.

INDOOR FUN FLY AT THE TUSTIN DIRIGIBLE HANGER
SPONSORED BY: HARBOR SOARING SOCIETY (HSS)
SUNDAY 27 NOV, AND THURSDAY DECEMBER 29, 2011

Harbor Soaring Society has the opportunity to access the giant dirigible hanger in Tustin, and will sponsor model aircraft flying on Sunday Nov 27th, and again on Thursday Dec 29th, inside the hanger. AMA members are invited to participate in the following aircraft types:

Indoor Free Flight Rubber Duration – Microfilm, penny planes, scale, and similar aircraft.

Indoor Glider – Hand launched, catapult, and similar.

R/C Electric Powered – Light (small) sport, 3-D, slow flyers, helicopters and similar.

Hangar is 1000' long x 300' wide x 150' high. 700' of the length will be available for model aircraft. Areas and times may be designated for different aircraft types, depending on congestion.

Event Date: Sunday Nov 27th, and Thursday Dec 29, 2011. 7 AM until about 4 PM.

Cost: Charge for Sunday Nov 27 and Thursday Dec 29 is \$15 per day per person for any number of planes but will be collected in advance. Anyone interested in participating should reply to Fred Hesse (HSS newsletter editor) at fhesse@socal.rr.com or 714-963-5838. Each day is limited to 40 participants, so first come first served. Please reply soon, as this event sold out last time. Further details (maps and event rules) will be provided to those interested.

AMA membership is required.

Event Director (CD) for both days will be Henry Smith III (henry.smith.3@earthlink.net). The CD will have final authority to decide if any particular aircraft is suitable for this venue. Aircraft over 16 oz are discouraged unless they have very low flying speeds.

Site Access: Participants will meet at gate near intersection of Valencia and Armstrong Ave. at 7 AM. Gate will be locked at 7:15 AM after which the group will caravan a short distance to the hangar. Gate will be open for 10 minutes at 9:00, 11:30 AM, and again at 12:30 and 2:30 PM. However, everyone is encouraged to bring lunch so as to utilize flying time. Departure will be approximately 4 PM. Car pooling is recommended.

There is no electricity or plumbing at this site. There is a port-a-potty outside the hangar. Bring your own table and chair, power for charging, and your own food & drinks.

Additional days are planned. TBD days sponsored by Norm Furitani. Contact him at norgin@earthlink.net for further information. The Black Sheep Squadron is sponsoring two days (Nov 26 and Dec 26) which are planned as one design contests as well as RC and free flight fun fly. Contact Dave Gee at 818-383-7651 or stukadave@cs.com for further details.



Invitation and Map to Annual Christmas Party

Harbor Soaring Society is having the 2011 annual Christmas Party and officer installation dinner on December 6th 2011. Because of the wide acclaim from the 2010 party, we will have it at the same Coco's Restaurant on Harbor Boulevard at Adams in Costa Mesa. They have salads from about \$7.00, and dinner choices from \$10 to \$16 plus tax and gratuity. Any questions about the menu can be directed to 714-549-1289. Map and address shown below. RSVP if you can to Fred Hesse, 714-963-5838, or fhesse@socal.rr.com. Walk-in is OK.

HSS Christmas Banquet



Annual Club Banquet

Tuesday night December 6th 6:00pm -9:00pm

COCO'S Bakery & Restaurant

2750 Harbor Blvd. Costa Mesa, CA

Come join us for an evening of food eats and Christmas Spirit. You may order from COCO's regular menu.

Any questions contact Fred Hesse at (714) 963-5838, E-mail fhesse@socal.rr.com.

Please rsvp by November 30th.



Election of HSS Officers For 2012

It is that time of year again, and we are having our annual election of HSS officers. Our new officers are shown on the ballot below. You may vote in person by attending the next General Meeting on November 1st at Round Table Pizza (see directions on page 3 of this newsletter), or you may vote absentee by copying and sending in your selection on this ballot, to the club post office box (address on the last page of this newsletter). Absentee ballots must arrive by 31 October in order to be part of the final count on November 1st. Officer installation will occur at the annual HSS Christmas Party held at Coco's Restaurant on Harbor Boulevard on December 6th 2011.

HSS 2012 BALLOT

Here is the ballot for HSS officers. Members attending the November 1st 2011 general meeting may vote at that time. Otherwise, absentee ballots must be received at the club post office box no later than October 31st 2011. Mail ballots to Harbor Soaring Society, P.O. Box 1673, Costa Mesa, CA 92628.

President (Vote for one) Walt Cloer Yes___ No___

President (Write-in) _____

Vice President Erv Szego Yes___ No___

Vice President (Write-in) _____

Secretary Ted Broberg Yes___ No___

Secretary (Write-in) _____

Treasurer Dennis Anderson Yes___ No___

Treasurer (Write-in) _____

General Director Henry Smith III Yes___ No___

General Director (Write-in) _____

Contest Coordinator Jim Hanson Yes___ No___

Contest Coord. (Write-in) _____

Assistant Contest Coordinator Henry Smith III Yes___ No___

Assist. Contest Coord. (Write-in) _____

Newsletter Editor Fred Hesse Yes___ No___

Newsletter Editor (Write-in) _____

AMA Membership Number: _____



Election of HSS Officers For 2012 (continued)

The following is for information only. No voting is required for these positions.

Safety Officer	Karl Hawley	Volunteer.
Publisher	Mike Gaczowski	Volunteer
Web Site Administrator	Fred Hesse	Volunteer
Web Site Photo Administrator	Rob Askegaard	Volunteer
Web Site Photo Administrator	Ted Broberg	Volunteer
Flight Instructor	Ted Broberg	Volunteer
Flight Instructor	Karl Hawley	Volunteer
Winch and Key Coordinator	Karl Hawley	Volunteer
Club Photographer	Rob Askegaard	Volunteer

CVRC Fall Soaring Festival

The Central Valley RC club in Visalia California puts on some of the biggest soaring competitions on the West Coast.

Here are the condensed results of their October 1-2 event, showing the top 5 of each class plus the standing of HSS members. Ben Clerx competed well, with a 6th in Open Class. Karl Hawley trophied in Woody Class, followed by Ross Thomas in 7th and Todd MacAndrew in 8th. For fun, the Youth Class is shown. Good thing they keep those hot shots isolated. They would cream the adults.

The only photo your editor received is of Erv Szego looking glad to be there in the beautiful conditions.



OPEN CLASS		
1	Daryl Perkins	3756
2	Dave Beardsley	3700
3	Michael Morjoseph	3694
4	Ali Khani	3686
5	Alexander Eremenko	3685
6	Ben Clerx	3684
25	Tuan Le	3652
127	Erv Szego	2536
131	Albert Dona	2364
145	Jim Sonnenmeier	842

157 entrants.

WOODY CLASS		
1	Don Northern	3630
2	Larry Jolly	3620
3	Steve George	3611
4	Karl Hawley	3591
5	Steven Willcox	3591
6	Ali Khani	3518
7	Ross Thomas	3311
8	Todd MacAndrew	3303

30 entrants.

RES CLASS		
1	Larry Jolly	3670
2	Joe Nave	3656
3	Daryl Perkins	3641
4	Jerry Robertson	3637
5	Greg Nikola	3635
32	Albert Dona	3266

71 entrants.

YOUTH CLASS		
1	Tristan Sherman	3644
2	Matt Garland	3630
3	Alyssa Wulick	1650

3 entrants.



Model of the Month

This month we are featuring a very nice Curtiss P-6E Hawk owned and operated by Phil Bland. It is a Great Planes ARF with an 80" span (about 1/5 scale). The motor is a Rimfire 120 with a Castle 120 amp ESC. The finish is beautiful, with a high gloss that shows well in the original photos (courtesy of Rob Askegaard).



Another Model of the Month

Ted Broberg has provided the info and photos on his new racing version of the P-51 called Dago Red. Ted picked this model up on Club Night at Hobby People back on 21 Sept. Here is Ted's report.

I just flew my new .46 - size VQ Models DAGO RED P-51 this morning. It flew just great. I'm very happy with the plane. The manual was useless, but the construction is good. They didn't provide adequate control horns, so I had to fabricate the rudder pull-pull horns with all-thread and a wooden dowel insert. Here are the specs: wing span is 1600 mm (63"); over all length is 1400 mm (55"); weight is 2500-2950 g (5.5-6.5 Lb with a 4000 mAh four-cell battery); 16" X 6", four-blade plastic prop; 4558 400 Kv brushless motor w/ 80 A ESC; servo-less retracts on mains and tail gear (steerable); 4 X 9g and 1 X 17 g servos included. It's made of "Epo foam," which is a new one for me. Wing-tip lights, green and red, were built in. Retracts and servos were installed from the factory. Parts and pieces were well-packaged, though the "hand-painted pilot figure" was not in the box. It took two weeks to arrive via UPS.



Oh No! Not Another Model of the Month!

At the right, we have Ralph Ranalli with his very nice scale foam Focke-Wulf Fw-190.

This is a Select Scale ready-to-fly from Fly Zone and comes with everything. 44" wingspan with motor, 38 oz weight.

Excellent photos from our staff photographer, Rob Askegaard.

Anyone wishing copies of any of the photos seen here in the newsletter (plus those that didn't get published) should contact Rob or your editor.



Dawn Patrol at Fairview Park

Our intrepid staff photographer (Rob Askegaard) has a soft spot in his heart for big old scale planes. Well, he was in heaven the other morning when he was able to capture three of these babies at Fairview Park.

Rob's report: This was an especially fun and spectacular event at the ol' flyin' field on Sunday, Oct 16 when three guys brought out three beautiful WWI large scale fighters and flew them all together. In-flight pictures were hard to take that day because of the grey skies and no sun showing the beauty of the planes.

The first photo (below) shows the squadron ready for take-off. Top to bottom is Jim Ward's 1/4 scale Sopwith Pup. It is a Balsa USA kit that Jim bought complete from Walt Cloer. It is 1/4 scale which gives it a 79" wingspan. The motor is unknown but it uses a 9 cell battery for power. And, it has a bomb drop capability. Next is Don Hofeldt's Nieuport 28. It is a Balsa USA 1/4 scale kit with wingspan of 80", AXI 5320/34 motor on 10 cells. At the bottom is a 1/4 scale Fokker DR.1 tri-plane by Phil Bland. The DR-1 is a Balsa USA kit built by Richard Van Patten. It has a 70 3/4" span and uses a Hacker 6014I motor with 10s 5000 cells. It has a wing area of 2030 sq inches - pretty big. It flies great says Phil -contrary to what people would believe.

Rob's camera artistry continues with the Sopwith Pup at the bottom. Next page is the DR-1 (top and bottom) with the Nieuport 28 filling in. Thanks Rob. - ed.



Dawn Patrol at Fairview Park (continued)



Altitude Limited Electric Sailplanes (ALES)

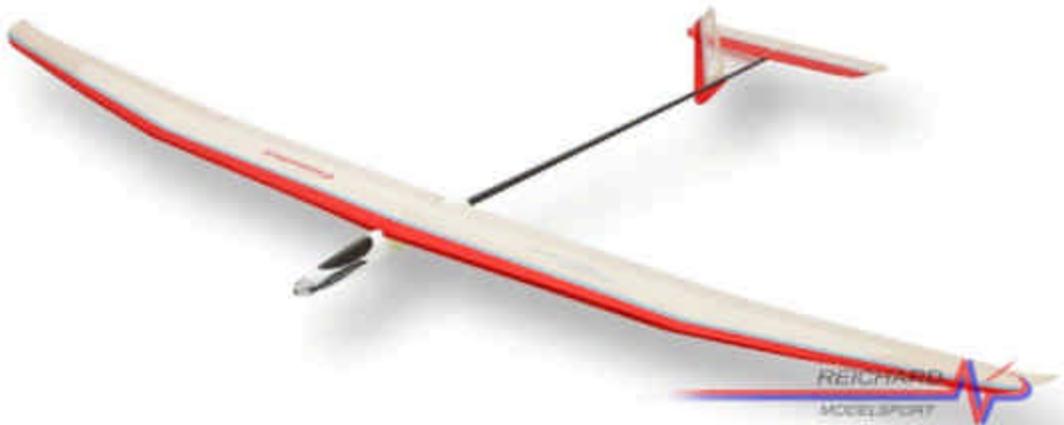
Last Month we ran an article on Altitude Limited Electric Sailplanes (ALES). We have just received this interesting ad from Alberto Dona, an HSS member and owner of Hobby Club (one of our sponsors) for a nice sized ALES Almost Ready to Fly (ARF) electric glider. Very graceful lines.



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Functions	Ailerons, Flaps, Elev., Rud., Mtr.



Southern California Soaring Clubs (SC-2) Competition Dates for 2011

SC2 - 2011 Contest Schedule			
Date	Club	Location	
February 27, 2011	Hosted by SWSA	Fish Canyon	
March 20, 2011	Hosted by DSH at SWSA	Fish Canyon	
April 17, 2011	Hosted by VVRC	Victorville	
May 22, 2011	Hosted by HSS at SWSA	Fish Canyon	
June 25, 2011	2 Day MoM hosted by SULA	Field of Dreams	pilot BBQ, Sat
June 26, 2011	2 Day MoM hosted by SULA	Field of Dreams	
July 17, 2011	MoM Hosted by VVRC	Victorville	
August 21, 2011	MoM Hosted by ISS	Riverside	
September 25, 2011	Hosted by TOSS	Thosand Oaks	
October 23, 2011	Hosted by TPG	Poway	
November 20, 2011	Rain Date		
December 4, 2011	Hosted by SULA and DSH	Field of Dreams	Toys-for-Tots

<http://site.sc2soaring.org>

locations unless otherwise noted - check website

SC-2 Competition Results for 25 September, 2011

SC-2 Contest #8				Hosted By TOSS									Contest Entries	
Redwood School September 25, 2011				Lex Mierop, Contest Director Eric & Heidi Filice, Scorekeepers									38	
Precision Duration Format				Round 1, 6 mins.			Round 2, 10 mins.			Round 3, 10 mins.			SCORES	
Place	Pilot	Club	Class	T1	L1	S1	T2	L2	S2	T3	L3	S3	Total	Norm
1	Reagan, Mike	TOSS	RES	3.00	98	999.0	10.02	75	984.3	10.04	94	990.7	2974.0	1000.0
2	Reagan, Mike	TOSS	E	3.01	91	990.2	10.00	98	999.0	9.54	87	984.0	2973.2	999.7
3	Vera, Edgar	SWSA	E	3.01	89	989.2	10.04	91	989.2	10.02	91	992.3	2970.7	998.9
4	Lee, Mike	ISS	E	3.00	81	990.5	10.01	82	989.4	9.58	87	990.3	2970.3	998.7
5	Garland, Matt	ISS	Int.	3.00	66	983.0	10.00	93	996.5	9.57	84	987.3	2966.8	997.6
6	Swei, Bob	TOSS	RES	3.03	85	976.7	10.04	85	986.2	10.00	98	999.0	2961.8	995.9
7	Northern, Don	TOSS	RES	3.01	78	983.7	9.39	95	964.3	10.04	97	992.2	2940.1	988.6
8	Cavazos, Robert	ISS	RES	3.02	81	979.9	10.03	54	972.3	10.01	63	979.9	2932.1	985.9
9	Stewart, Ed	ISS	E	3.00	98	999.0	10.01	72	984.4	10.04	5	946.2	2929.6	985.1
10	Romero, Chico	ISS	RES	3.01	62	975.7	10.02	31	962.3	9.58	75	984.3	2922.4	982.6
11	Dora, John	ISS	E	3.02	0	939.4	10.06	64	972.5	10.02	100	996.8	2908.8	978.1
12	Chmielewski, Art	SPVFSF	E	3.02	100	989.4	9.12	91	919.5	10.03	100	995.3	2904.2	976.5
13	Filice, Gary	TOSS	E	3.02	96	987.4	8.43	89	872.6	10.01	93	994.9	2854.9	960.0
14	Murphy, Mike	TPG	S	3.04	91	974.4	8.48	89	880.5	10.01	78	987.4	2842.3	955.7
15	Funfstuck, Albert	SWSA	RES	2.56	82	969.9	8.09	76	813.3	9.55	96	990.1	2773.2	932.5
16	Funfstuck, Albert	SWSA	Int.	2.58	82	980.4	8.25	94	846.6	9.56	0	943.7	2770.7	931.6
17	Vera, Edgar	SWSA	RES	3.04	90	973.9	7.51	75	783.3	10.03	80	985.3	2742.4	922.1
18	Chmielewski, Art	SPVFSF	RES	3.01	90	989.7	7.33	87	765.8	10.04	74	980.7	2736.1	920.0
19	Dona, Alberto	HSS	Int.	3.08	17	916.3	8.43	95	875.6	10.11	0	932.6	2724.4	916.1
20	Cavazos, Robert	ISS	E	3.06	72	954.3	7.26	94	753.2	10.02	84	988.8	2696.3	906.6
21	Garland, Steven	ISS	E	3.01	91	990.2	6.48	69	680.5	10.00	95	997.5	2668.2	897.2
22	Romero, Chico	ISS	S	3.04	96	976.9	7.22	0	699.8	10.03	84	987.3	2664.0	895.8
23	Thonet, Andy	SWSA	RES	3.05	90	968.6	9.20	0	886.7	7.34	80	758.8	2614.1	879.0
24	Thonet, Andy	SWSA	E	3.03	64	966.2	6.31	80	659.1	10.00	71	985.5	2610.8	877.9
25	Borer, Dan	SWSA	Int.	3.05	67	957.1	8.48	94	863.0	7.40	84	770.3	2610.4	877.8
26	Dona, Alberto	HSS	RES	2.58	52	965.4	6.54	0	655.5	10.09	53	962.3	2583.2	868.6
27	Ward, Les	ISS	S	3.11	0	891.9	7.30	38	731.5	9.52	0	937.3	2560.8	861.1
28	Krzydziaski, Douglas	ISS	S	3.12	75	924.2	5.58	70	601.8	9.55	81	982.6	2508.6	843.5
29	Anderson, Major	SWSA	S	3.08	82	948.8	5.57	71	600.8	10.08	33	953.8	2503.4	841.7
30	Borer, Dan	SWSA	RES	3.04	79	968.4	10.06	92	986.5	5.29	0	520.9	2475.8	832.5
31	Haliford, Phillip	SWSA	E	3.02	87	982.9	4.56	90	513.7	10.05	60	972.1	2468.7	830.1
32	Wright, Ben	TOSS	RES	3.02	57	967.9	4.15	83	445.3	9.56	41	964.2	2377.4	799.4
33	Cavazos, Kerry	ISS	S	3.03	75	971.7	5.23	0	511.4	9.08	0	867.7	2350.8	790.4
34	Mierop, Lex	TOSS	E	3.02	94	986.4	2.21	0	223.3	10.01	93	994.9	2204.6	741.3
35	Brady, Merrill	CVRC	RES	3.00	90	995.0	4.38	0	440.2	7.07	0	676.1	2111.3	709.9
36	Scogglie, Don	TPG	S	3.00	17	958.5	6.34	0	623.8	3.35	82	381.4	1963.8	660.3
37	Harland, Jay	TOSS	RES	3.02	87	982.9	0.00	0	0.0	0.00	0	0.0	982.9	330.5
38	Barr, John	SWSA	RES	3.06	26	931.3	0.00	0	0.0	0.00	0	0.0	931.3	313.2

Seen Around the Runway

At right we have John Stambuk and his big beautiful T-28. This is a very nice scale foam model by DYNAM. It has a 50" span and comes with very nice retracts. We would love to have you join HSS, John.

Immediately below is Eric Wilson with his daughter, Olivia. They brought out and flew a scratch built an EDF jet, shown below right. It flew well.

At the bottom of the page your editor had to sneak in a rare couple of photos of his "Solar Wonder". It only flies on sunny days. The name seemed appropriate as we "wondered" if it would fly at all. It is shown flapping along at about 450 RPM and 30 watts. Photos by Rob.



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 with any material that you wish to insert here.

- **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 or email us at LaserCutting@gdhconsulting.ca.

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

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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**
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- 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):

- | | | |
|---|--|-------------------------------------|
| Thermal Duration Gliders _____ | Slope Soaring Gliders _____ | RES Gliders _____ |
| Large Scale Gliders _____ | Hand Launched Gliders _____ | Electric Motor Gliders _____ |
| Park Flyer Electric Planes _____ | Acrobatic Electric Planes _____ | Scale Electric Planes _____ |
| Electric Pylon Racing _____ | Indoor Electric Planes _____ | Electric Helicopters _____ |

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 1st 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;

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



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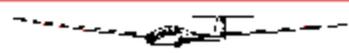
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Flight Instructor	Ted Broberg	714-235-6430	tbroberg@earthlink.net

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

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