

AMA Charter #128
The Western Soaring Capital
http://www.lhss.org



HSS is the oldest AMA chartered R/C Soaring Club in the USA Founded in 1964

DECEMBER 2003 VOLUME NO. 40

Harbor Soaring Society Hosts The October 26th Southern California Soaring Clubs Thermal Duration Contest





Just some of the planes brought by 54 contestants to this competition on a day dimmed by Southern California forest fires. See Page 5 for full report and results.

HARBOR SOARING SOCIETY December President's Message

This is my last President's message. So fly high and keep your big butts off my flying field, Love Karl. And now, on the other hand, I would like to thank all of you who helped out with the SC2 contest. It was a great contest. I really like the man on man format. It didn't go perfectly, but I had fun. Next time we'll try to do it without the Santa Ana winds. Also I was sure surprised to see Fred Hesse had cleaned up the field and painted the kiosk and tables (thank you). Tom Copp was seen doing a rain dance, and the flying field turned green. And don't forget the Hot Dog man. Those dogs were the best I have had. Thank you Larry Reed and your three young ladies' helpers. Larry broke even on hot dog sales, just what he wanted to do, way to go Larry! We had new members and non-contest flyers helping out. That's what it's all about.

I would like to thank all of you for helping me out with the job of president, for the past two years. Thank you, thank you and thank you!

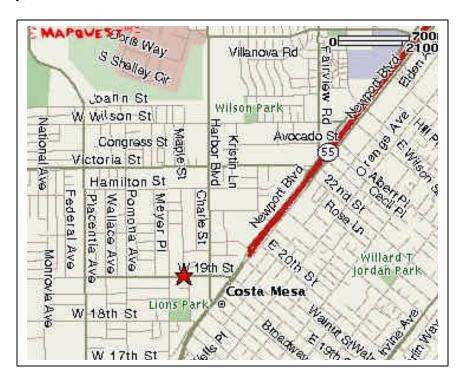
Due to not having an end of the year banquet dinner and awards, we will have one more meeting on Dec. 2, 2003, so we can bring in the new board members. Also, a final thermal duration contest is planned for Dec. 7, 2003.

Karl Hawley, President

December Meeting Notice

The next meeting will be at Domenicos Restaurant. They feature Italian home cooking and pizza, with very reasonable prices (entrees max out at \$9.25). The address is 562 W 19th Street in Costa Mesa. This is just south of Fairview Park on 19th Street, West of Harbor Blvd, past the Bank of America. Phone number is (949) 646-1144.

The food starts any time (but aim for 6:30), while the executive council meets at 7:00 PM, and the business meeting starts at 7:30 PM. This is a particularly important meeting because we install our 2004 club officers. Come join the fun.



Plane Rap Archives (Repeat)

Thanks to Del Kahan and Will Conrad, we have seventeen more issues added to our Plane Rap newsletter archives. We now have all of the 1997 issues. Again, if any one has any part of the issues listed below, we would love to add them to our archives (or at least a copy of what you have).

1964 through 1983: All issues missing. 1995: Aug missing. 1984: Jan through Sept and Nov missing. 1996: Feb, June missing. 1999: Dec missing. 1999: Dec missing.

1986: May missing. 2000: Jan, July, Dec missing.

1987: Feb missing. 2001: Jan, June, July, Aug, Oct missing. 1994: Nov missing.

These archives are open to all members. Copies can be made upon request, or issues may be checked out for temporary use. If you have any of the missing issues, contact Fred Hesse (address on page 12).

November 2003 Harbor Soaring Society Meeting Minutes

Approximately 17 were in attendance. If you weren't there, you missed a great meeting.

There was little new business to discuss. Some older topics were mentioned again. The 2003 year was wrapped up.

Eight guys (still) have signed up for the club t-shirt. We need at least two more, let Karl know if you are interested.

When you are walking around the field and you see trash or other refuse, please take pride in your field and pick it up. Thank you.

Elections were held. Below are those nominated for positions on the 2004 HSS board of directors and those who were elected to the post. We only received one mail-in ballot. As shown, it was a close race for the Office of the President. Congratulations Troy, and to you too Tom on being elected to the office of Contest Director.

Office	Nominee	Elected
President,	Troy Peterson	Troy Peterson 9 to 7 (votes)
	Tom Kopp	
VP	Jim Parsons	Jim Parsons
Secretary	Don Ramsey	Don Ramsey
Treasurer	Christoff Adamczyk	Christoff Adamczyk
Contest Coordinator	Tom Kopp	Tom Kopp
General Director	Troy Peterson	
Editor	Fred Hesse	
Publisher	Mike Gaczkowski	
Webmaster	Steve Hendry	
Winch Coordinator	Karl Hawley	
Field Clean-up	George Acevedo	

Jim Parsons brought wings for his 123" sailplane of his own design. The first plane was built in 1995, the second in 1996, and the third was built this year. It was cool to see and hear about the progress of this design. Go check it out this home-built beauty at the field. Thanks Jim.

That pretty much wraps up the year 2003. Please remember to exercise flight safety and be good neighbors. Remember, Fairview Park is a blessing that can be taken away. Karl worked hard to secure a great flying site and also to establish good working relationships with city employees. So thank your outgoing president for all he did and give him a hand next time your at the field.

Warren Greer, 2003 Secretary

Additional Meeting Notes

Club Shirts - Contact Karl Hawley if you would be interested in getting a club shirt. Polo shirts will be about \$38, and T-shirts will be less (about \$12 to \$14). The proposal is for an embroidered logo on the front and a three-color silk screen on the back.

2004 Dues - It's time to bring (or send) in your 2004 HSS club dues. It's same as before (no inflation at HSS), that's \$20 for senior members, \$10 for junior members (Under 17) and \$25 for new members (The extra \$5 is for your name pin). Be sure to fill out the continuing membership form included here in the December Plane Rap (Page 11), or available at the December meeting. Give your dues and application to Chris Adamczyk at the meetings, or mail them in: Attention Chris Adamczyk, P.O. Box 1673, Costa Mesa, CA 92626.

Additional Meeting Notes (Cont.)

HSS Membership Application Form - The club needs all returning members to fill out a membership application form for each coming year. Note that several questions have been added to this year's application form. If you wish not to have some or any personal information published in the club newsletter, please strike out any of the data types (name, address, phone, or E-mail) that should not be published. HSS does not sell or make available our membership list to anyone except for that information published in this newsletter (which also appears on our web site).

We are now making E-mail delivery of each month's newsletter available. It costs about \$4.00 for printing, plus \$4.44 for stamps each year to mail out hard copy. If you would like to save the club almost \$10.00 per year, check the box for E-mail delivery. It will get to you quicker and arrive in living color!

December Thermal Duration Contest - Surprise! There will be a thermal duration contest on Sunday December 7th. This will be the last HSS contest of the year, at Fairview Park.

This Month's Featured Model

This month's model has got to be the "Ultimate Electric". Walt Cloer is shown with his mammoth 120" Sopwith Pup, a Balsa USA kit weighing in at 48 pounds! It is powered with a geared Astro 90 swinging a 30"x 10" prop. 44 D size cells give about 57 volts at 30 amps or 1700 watts. Walt calls



this a "Big old park flyer" (Yeah, Walt, maybe a national park). Walt is known for his grand collection of large electric powered scale models. His next project is a 60" Fokker D-VII conversion from a gas powered kit. Walt has a video tape of the maiden flight of this model. It shows unbelievable scale appearance in take-off and flight for this plane. Walt would be willing to show this video along with shots of a number of other club members and their planes at one of our up coming meetings.

Coming Events For 2003

Tuesday December 2 HSS monthly meeting, 7:30 PM, at Domenicos Pizza. Address is 562

W. 19th Street in Costa Mesa. See map on page 2.

Sunday December 7 The Final HSS thermal duration competition for the year.

Coming Events For 2004

Sunday January 4 First HSS thermal duration contest for 2004.

Tuesday January 6 HSS monthly meeting, 7:30 PM, at the Irvine Water District offices.

Address is 16500 Sand Canyon Avenue, in Irvine.

Coming Events For 2004 (Cont.)

Fri-Sun. Jan 9-11 AMA IMS Convention Ontario Convention Center. See write-up below.

Sunday February 1 Second HSS thermal duration contest for 2004.

Tuesday February 3 HSS monthly meeting, 7:30 PM, at the Irvine Water District offices.

Address is 16500 Sand Canyon Avenue, in Irvine.

Thurs-Sat Feb 5-7 Soaring Society of America National Convention, Ontario Convention

Center. Look for feature article by Larry Tuohino in the next Plane Rap.

Sat-Sun May ?-? CVRC Bent Wing Competition, Visalia

Sat-Mon Sept 4-6 Vintage Glider Meet (Info will be provided by Larry Tuohino)

Sat-Sun October ?-? CVRC Fall Glider Festival, Visalia CA.

AMA Convention 2004

The annual Academy of Model Aeronautics Convention for 2004 will be held at the Ontario convention center. The address is 2000 Convention Center Way, Ontario, CA. Dates and times are as follows:

Friday January 9 Noon – 6 PM Saturday January 10 10 AM – 6 PM Sunday January 11 10 AM – 4 PM

Admission is \$8 with current AMA card or \$10 without.

This is the biggest modeling event you will ever see! They have everything in planes, cars, boats, and you-name-it. Have you seen the 6 foot R/C blimp? How about the turbojet engines? The scale model aircraft competition is spectacular. Be sure to catch the R/C naval ships with their CO2 guns firing ¼ inch ball bearings at each other. Or, the 8 foot R/C submarines? All the vendors are there with fabulous discounts. This is a show that is so immense that it is difficult to cover even on the longest day it is open. The indoor electric R/C demonstrations are great, and the seminars are top notch (Like last year's presentation by Dr Paul MacCready about his UAV accomplishments).

Southern California Soaring Clubs October 26th Contest Report

Tough day, the sky was orange from the smoke and ash of the on going fires in Riverside County. Many homes were lost and the fires are still not contained. We did get some east winds early on; they were strong enough to have us set the field in reverse. This was a slight pain and Karl Hawley jumped on the mover to clear some brush at the last minute so we had the room for all 12 winches and landing zones. The pilots meeting started a bit after 9:00 and with the extra work needed for the field that's not too bad. We did have most of the 3F and a few Sportsmen decide not to fly because of the possibility of stronger winds a little later in the day. That is of course is the CD's responsibility to bring the correct weather for everyone's liking. (The high winds never happened). To be fair if you live just 10 miles inland from the coast, the winds in Santa Ana (SA) conditions get to 20+ mph, 30 miles inland and the SA's pump 40+ easily. We probably had 12 mph max at ground level straight up the lines but that passed rather quickly. Round 1 took a little time to get organized but as soon as the matrix was posted and everyone learned the system we were moving right along.

It was a Blood Bath! The air was VERY tough and a few world class pilots went on a feeding frenzy. This was NO LANDING contest I guarantee you! 10 minutes was hard, very hard most of the day. We got through round 1 and the winds changed 180 deg. back to normal, this is usually the trend with SA's at our field so with the help of the pilots we turned around 12 winches and re-set the landing zone. On to round 2.

SCSC October 26th Contest Report (Cont.)

By now everyone went through the cycle once and knew how it works and we finished the next 2 rounds in good time. I think the last group landed just before 1:50. Ash covered everything in sight. The air was getting better all day and we saw more maxes in each slot. A lot of blood was left on the field, most of it mine! I don't think I made 17 minutes all together. I guess concentrating on flying does pay off.

Man on Man is a tough contest to run especially when the pilots are used to sitting around and flying 3 times, then going home. With extra effort of the a lot of pilots we finished a darn good contest. Thanks again for the EXTRA effort, you know who you are and your hard work made today happen.

Tom Copp HSS Contest Coordinator

SCSC October 26th Competition Results

EXPERT CLASS

Arthur Markiewicz 2 Keith Millett 3 Mike Smith Joe Wurts 5 Mark Taylor 6 Manny Gomez 7 Mike Reagan 8 Larry Jolly 9 Mike Lee Steve Addis 10 11 John Bikle 12 Tom Copp 13 Edgar Vera Terry Throop 14 15 Jim Sneed Pete Olsen Dan Fink

EXPERT CLASS

18	John Erickson
19	Eber Graham
20	Fred Sage
21	Kevin Anderson
22	Lex Mierop
19 20 21 22 23 24 25 26 27	George Spitzer
24	John Brown
25	Norm Timbs
26	Mark Puchalski
27	Bill Malvey
28 29 30 31 32	Don Richmond
29	John Colton
30	Mike Morjoseph
31	Thomas Akers
32	Bob Pope
33	Merrill Brady

SPORTSMAN CLASS

1	Mark Browning
2	Jared Stalls
3	Alex Eremenko
4	Dave Butkovich
5	Steve Giron
6	Tak Takayama
7	George Gomez
8	Tom Watson
9	Henry Rodriguez
10	Steve Hurd
11	Jerry Milett
12	John Krug
13	Jim Koopman
14	Javier Loredo
15	Ryan Shubin
16	Peter Luduc
17	Bob Lenard

RES CLASS

1	Ross Thomas
2	David Judson
3	Dan Borer
4	Karl Hawley

HSS Thermal Duration Contest Results

Sorry, but Tom Copp may have the October 12 and year to date contest results in the January issue.

HARBOR SOARING SOCIETY Editorial

A number of HSS members have asked why we are not part of the Orange County Modeler's Association (OCMA). It is a worthy endeavor. Presently 16 clubs are associated, which gives more power to the cause of preserving flying sites in Orange County. There is no cost to HSS to become a participating club, only a presentation by our executives requesting permission to join. In future issues, we will give various viewpoints on the advantages as well as reasons for not joining this association. It is important to stress that HSS can be a participating club, but individual members of HSS are not obligated to join OCMA. Note however that OCMA is now aligning themselves more with the specific interests of HSS. Giant scale sailplanes using aero tows are now allowed, and low and high powered electric planes are permitted at El Toro. Check out the news releases from OCMA that follow.

Other Local Activities

The Orange County Modelers' Association is a group of 16 Orange County modeling clubs that have banded together to develop, save, or protect model aircraft flying sites in Orange County. Their primary flying site is the El Toro field. Information about the organization and their activities can be obtained at www.ocma.com. They have recently developed the new logo shown at right. While the principle activities have been R/C planes with internal combustion engines, they now allow gliders and electric powered models as indicated by the following news releases from OCMA.



Electric Flying Area Defined

About six months ago OCMA pursued a pilot program to allow electrics to fly in an area behind the flight line in the dirt area near the taxi way we all use to gain access to the field. We did not know what to expect, but felt that if the planes stay over the dirt all would be OK. However, we later came to appreciate that electrics have a wide performance range and the park flyer image soon turned into electric screamers. Clearly, we needed to further define which electrics we are allowing to fly in this separated area. We never expected high performance electric to be flying within seconds of our main flight line, but they did and this was a safety issue we needed to address. Therefore, the Board has defined the acceptable electric airplanes as being generally described as "slow flyers" that are specifically one pound or less AND equipped with a slow fly prop AND have at least three channels. Electrics not meeting this specification are welcome to fly in our main flying area. We will be placing signs to this effect soon as well as denoting the flying area on a new flying area map posted here and at the field.

International Soaring Society of America (ISSA) becomes the 16th Club to Join OCMA

With the addition of this club to OCMA, all ISSA's members are now eligible to join OCMA. ISSA focuses on scale gliders and have used El Toro as an aero tow base. Recently, ISSA hosted a regional aero tow event at El Toro that was very successful. Welcome ISSA.

Plane Rap Classified Ads

For any one with something to sell, we are glad to provide an advertisement here in Plane Rap. Remember, this publication reaches 125 members, and goes to the AMA and a number of hobby shops as well as local clubs. Also, it is published on our web site which has nearly 101,000 visitors to date. Call or E-mail the editor at the addresses given on the last page of this newsletter.

HARBOR SOARING SOCIETY Adopt-A-School Status Report For October 2003

Two series of classes in radio controlled model aircraft flight training are continuing at the Boys and Girls Club of Huntington Valley, on Brookhurst in Mile Square Park.

The group from the first series which started 11 Aug 03 with 10 students is now down to about 5 regular fliers each Thursday at the soccer field adjacent to the club. The group from the second series (started 18 Sept 03) is consistently about 10 students, all of whom are now flying both the Cirrus glider (donated by Hobby People) and the electric powered trainers. While all flights are still using the buddy box system, several students are demonstrating such adept capability that they are being allowed to fly the high-start launch, continue into the flight and complete the landing without intervention. Only 1-2 students from these two groups consistently attend Saturday classes at Fairview Park, but recently Erik Vehemeyer (again, our best student) was rewarded with the opportunity to slope soar the Cirrus glider. Luckily, the wind was good early in the afternoon, and his first attempt was a 25 minute flight. Boy! Was he sold on soaring!

The group of eight students at Heninger Elementary School in Santa Ana are still meeting twice a week. Ground school classes are complete, and a number of theory and construction classes have been held. Since it has not been possible to fly at the Heninger School yard, we are having better attendance from this group on Saturdays at Fairview. Students who come on Saturday are getting anywhere from 4 to 12 flights each on the Cirrus glider and the electric powered trainers. Students are controlling the high-start launch, the majority of the flights and a few are allowed to land. Rodolfo Esqueda surprised every one (and especially himself) by coming across a thermal and being able to sustain an 8 minute flight with it. A little verbal direction was provided, but he did it himself.

Because of the high interest at Heninger Elementary School, we have elected to use the second Cirrus glider (donated by Hobby People) as a class assembly project. This has been particularly instructive because in the few short weeks the plane is just about ready to fly. The assembly process aids in learning to follow instructions, teaching how glues and epoxies work, how careful assembly is required, and especially the inner workings of servos, push rods and control surfaces. When finished, the plane will be used for flight instruction, but remain the property of the HSS Adopt-A-School program. In addition, all students are continuing to use the RealFlight simulator for practice.

Our Adopt-A-School program with Fountain Valley School District for their Teen Activities Program (TAP) under the supervision of Jennifer De Sousa is still on hold. The present instructional load of four classes per week plus Saturdays does not leave enough time for more programs.

Fred Hesse (Adopt-A-School instructor)

Donations to the HSS Adopt-A-School Program

At the November 4th meeting, two very generous members donated some fabulous radio control hardware and a plane to our student training program.

Jim Parsons (Our new vice president) donated a nifty Airtronics radio system made up of a seven channel model 7SC transmitter (this was the precursor to the Vision system), two sets of transmitter batteries, an 8 channel receiver with 4 servos, a charger, and best of all the MANUAL for this rather complex system. This version had dual rates, end point adjusts, servo reversing, 4 mixes, and a whole lot of other adjustments all programmed with 28 potentiometers and switches. Yup, he even included the tiny little screwdriver for making all these adjustments. Can't forget that his wife made the cutest little flowered (and padded) bag to protect the transmitter!

Larry Enger who has been a member for about 20 years made a great donation of a 48" wingspan foam YAK-9 with a Futaba 7 Channel transmitter, 4 channel receiver, and 3 servos. The plane is beautifully finished, just needs a healthy breeze and a little TLC for the radio to get this one flying again.

NEEDED!

PLANES, RADIOS, AND STUFF For The HSS Adopt-A-School Program

Give me your tired, your poor, your discarded parts yearning to fly free, the wretched refuse of your cluttered garage. Send these, the homeless, the tempest-tossed to me, I lift my Exacto and CA beside torn Obechi.

(Courtesy of 1998 Plane Rap Editor Lyndon Johansen)

You too can encourage the bright, enthusiastic, inquiring minds of our Adopt-A-School students.

Donate what you are no longer using, and help a child learn the delights of our hobby.

Alternately, if you have used aircraft and especially radios that you want to sell, we have buyers.

In addition, Training Pilots needed. In all cases, contact Fred Hesse (714) 963-5838

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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As a courtesy to HSS members, 10% will be taken off regularly priced items. Special price adjustments will be made on sale items. Mention HSS club affiliation prior to ring up.

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MEMBERSHIP APPLICATION 2004

Harbor Soaring Society

AMA Chartered Club # 128

P.O. Box 1673

Costa Mesa, CA 92628

AMA's Oldest Chartered Soaring Club

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	STATEZip	e-mail	
AMA #	(PROOF OF STATUS REC	QUIRED, Xerox copy OK)	
DATE OF BIRTH	Frequency cha	nnels used///	
 SENIOR MEMBER (Rei JUNIOR MEMBER FAMILY MEMBER Extra HSS Name tag I hereby give my perminal [E-MAIL ADDRESS] information that should 	issi <mark>on to publish my [NAME</mark> in the monthly newsletter. (S	s and older) = \$20.00 0.00 	
rate of \$10.00. New applicants the annual rate indicated abov year. A signature is required by all H	s making application between Nove re and such dues will make the new	ly 1st and October 31st pay a reduced mber 1st and December 31st will pay member paid in full for the following greeing to comply with the current AMA safety Rules	
currently allowed by the FCG field must be manufactured separation. I understand the	t: I will operate my model using of the control of	use at any designated HSS flying 20 Khz per channel frequency above restrictions will result in	
SIGNATURE:	DATE_		
Total	dues owed and attached: \$		
SIGNATURE OF CLUB OF	FICER RECEIVING APPLICAT	TION	

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HARBOR SOARING SOCIETY OFFICERS FOR 2003

President	Karl Hawley	(949) 574-9379	www.1hss.org
Vice President	None		
Secretary	Warren Greer	(714) 540-6171	
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General Director	Troy Peterson	(714) 429-7980	troyflyboy@aol.com
Contest Coord.	Tom Copp	(949) 645-7032	tom@f3x.com

See our web site at www.1hss.org for news, the color issue of Plane Rap, activities, pictures, and more. Now approaching 101,000 visitors.

REMINDER: RENEW YOUR MEMBERSHIP FOR 2004

NEXT MEETING AT DOMENICOS PIZZA, TUESDAY 2 DEC 03 (SEE MAP P. 2)