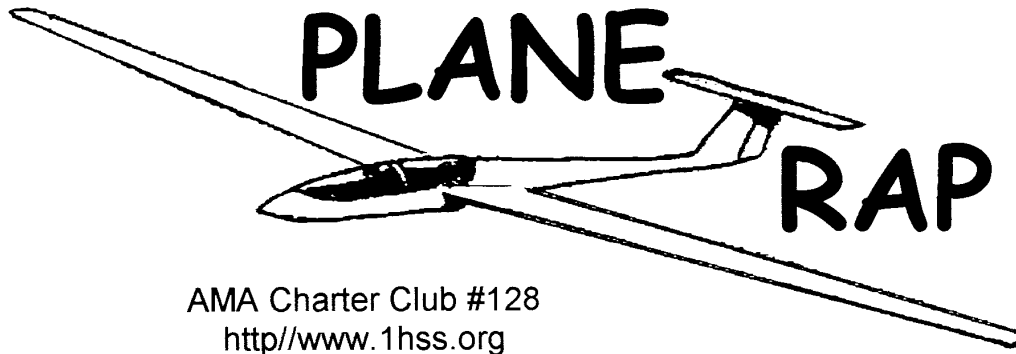


PLANE RAP



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



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

FEBRUARY 2004

VOLUME NO. 41

This Month's Featured Model

Our featured plane for this month belongs to HSS Member Don Hofeldt. This P-51 is another big beautiful example of what is possible with the newer more powerful electric motors. This is a conversion of the Kyosho ARF model intended for .40 cu. in. engines, but Don is using an AXI brushless outrunner with direct drive, and a Jeti 70 Amp programmable speed control. The wingspan is 56", and he uses 18 of the 3300 mAh NiMH cells that provide 32 Amps to drive the Zinger 12 x 10 prop at 8900 RPM. At 8 lbs 6 oz, the plane flies fast, but it goes where Don points it and it does rolls, flies inverted and even drops bombs. The landings are pretty hot, so Don is planning to add flaps. Fabulous photo is courtesy of Plane Raps very own photographer Jeff Gortatowsky.



The adjacent photo gives celebrity status to William Vincent II (far left), an active HSS member who nearly always attends club meetings. Paparazzi photographers have captured William enjoying himself at the 2003 RCX Expo held last year at the Anaheim Convention Center. This photo is part of a feature article on the first RCX, appearing on page 50 of the September 2003 issue of Backyard Flyer magazine. Free copies were available at the show, and that's how Karl Hawley spotted William.

Be sure to catch RCX 2004, billed as "The World's Ultimate Radio Control Expo". You can see some of the hottest stuff in aircraft, cars, and boats, and they even have a Battlebots tournament that is part of the show. This year's exposition will be April 24-25, again at the Anaheim Convention Center.



February President's Message

This past month has been a busy one. As if recovering from the Holiday mayhem wasn't enough, I started a few building projects, went to the IMS model show, LA Auto Show, and squeezed some flying in when I could.

How did you like the "New and Improved" IMS show? I practiced restraint and bought only essential stuff like tools and building supplies. Over all I liked the layout better than the old Pasadena set up and there were a few new products I played with. There were some local Fairview pilots doing indoor demo flying from Wing Warrior and Costa Mesa based Inner Demon gearboxes had a booth full of goodies.

Last months meeting had a good show and we got the ball rolling on a few important issues. We ran a little long but the next meeting should run quicker. There were some very interesting show and tell projects including an outstanding aerial photography system. I encourage people to bring in your plane or current project to show the group as this is the highlight of the meeting. I'll have my F-16 EDF project next meeting and hopefully others will bring in neat stuff.

Last meeting I had mentioned an idea for a "Building and Repair Clinic" in which members can get advice and/or help on a building project or a nasty repair. This would be separate from the monthly meetings possibly on a weekday night. All we would need are a few tables, a decent size garage, and of course it is BYOT (bring your own tools). I pretty much have this at my house every time my friends need building advice or a daunting repair. The only problem is that I have limited space for more than a couple of people. Any interest or space available, let me know.

Coming up in February is the always impressive Mid Winter Electrics meet in San Diego. It is Fri-Sun Presidents Day weekend. This is one of the oldest and largest electric meets in the country. Go to www.sefsd.org for more info.

Happy Flying!
Troy Peterson
President

Treasurer's Report

As usual the end of the year December through to March are fairly active months with members renewing and a few new members being: Robert Brucker of Mission Viejo, Arnold Frankenberger of Costa Mesa, Jeffrey Gortatowsky of La Habra Heights, Lyndon Johansen an old member but a goody from Costa Mesa, Eric Roberts of Balboa, Jim Ward of Anaheim, and Larry Zysman of Irvine. It's great to see new blood with hopefully new ideas, talent, and friendship to add to the club.

For the month of December up until today being 1/13/04 our expenses have been \$315.00. Our monthly mailing is regularly in the \$90 range so I guess I should print our email list and have people verify email addresses as they can be hard to read. I'll work on that. Our 2nd largest expense was \$95.60 for trophies.

Chris Adamczyk
HSS Treasurer

Suggestion to Help New Members

Some years ago we used to have a new member package made up of a welcome letter, bylaws, frequency list, and a number of other items that acquainted new members with our club. This was a 12 page tome that was put together by the Secretary. I suggest that this practice be re-established. Sorry Don, you didn't know what you were getting into, but I can provide you with the old package for reference.



January 2004 Harbor Soaring Society Meeting Minutes

The first meeting of 2004 was held at 7:30 p.m. January 6th at the Irvine Water District facility.

The meeting was called to order by President Troy Peterson. Officers in attendance: Secretary Don Ramsay.

New business: Discussion concerning a thank you letter to the person who donated two six foot foamies to the club. Fred Hesse gave current status of the Adopt a School program. Also under discussion was a press release concerning an accident in England which was attributed to improper building techniques. President Troy suggested having model building workshops in which proper building techniques could be taught by some of the more experienced members. A discussion followed concerning the dangers of poor flying etiquette. Also, a suggestion was made that our members should make the effort when the proper field guidelines are not followed of courteously talking to any flyers not in compliance.

Some helpful web sites suggested by our members: sefsd.org, ezonemag.com, fomie.com and dyrou.com

A reminder was made of the Midwestern Electrics to be held in San Diego on Valentines and Presidents day.

Respectfully submitted,

Don Ramsay
Secretary

Additional Meeting Notes

Christmas Cards - A noble effort was made by our Secretary Don Ramsay to create and send out Christmas cards to all of the Costa Mesa City Council. This is great Public Relations work and can only improve our stature with the city. "May your spirits soar as you glide through the Holiday Season and the New Year". I'll bet that train club didn't say anything like that.

Membership Chairman - We are pleased to receive the assistance of Bill Eckles (he wrote that delightful article on his Bird of Time last month) to assist Chris Adamczyk with the yearly task of membership enrollment. Bill is compiling the 2004 membership roster, the radio channel preferences, the E-mail list, and also collecting the statistics on membership interests. This is quite a job, but with his help, we should get our club identification cards, and new member's badges a lot quicker. Thanks, Bill.

Assistant Contest Coordinator - With the intent of maintaining better communications to our membership, Jim Hanson has agreed to assist Tom Copp with the records and results of our monthly contests. This is the best of two worlds. Tom is masterful at putting on the contests. He has some great ideas, and often draws entrants from other clubs because of the level of competition at HSS events. Jim really makes those score-keeping computer programs work, and enjoys pulling the data together for single events and year-to-date. Many thanks to both Tom and Jim. (Did you know that Contest Coordinator is one of the five Executive Council positions, and that Assistant Contest Coordinator is a position specified in our club bylaws? - Ed.)

Application to OCMA - Following the vote to have Harbor Soaring Society apply for membership in the Orange County Modelers' Association (OCMA), a team was put together to prepare our application to join. Mike Gaczowski (our prolific and prodigious publisher) will work with Troy Peterson and Dennis Brandt to develop the presentation to be made to OCMA. There is no cost to HSS to join OCMA. Our intent is to strengthen and support this group of 16 clubs in the preservation of flying sites throughout Orange County. By joining, HSS members become eligible to individually join OCMA for the privileges of flying at their El Toro flying field. While fuel powered aircraft are normally flown there, they have recently opened up the field to electric park fliers, higher powered electric planes, as well as aero tow giant scale gliders. Further information can be obtained at www.ocma.com .



Additional Meeting Notes (Continued)

Club Brochures - Mike Gaczowski has just printed 500 tri-fold club brochures. These are normally placed at hobby shops and handed out at the flying field. Anyone wishing to have some copies for your friends or for advertising our club should contact Mike (Phone No. on last page).

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 February Plane Rap (Page 11), or available at the February 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. 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."***

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!

Since December, the HSS membership application form has been further revised. Chris Acamczyk suggested that we add a question concerning each member's interests. Excellent idea, so please check all the boxes that you are interested in, now and in the future. This could lead to new activities, forms of competition, and field improvements such as a charging station for the ever more popular electric powered planes. All of us that have already submitted our application without the interest choices may submit a second application showing your interests. Mark the second application as "Amendment".

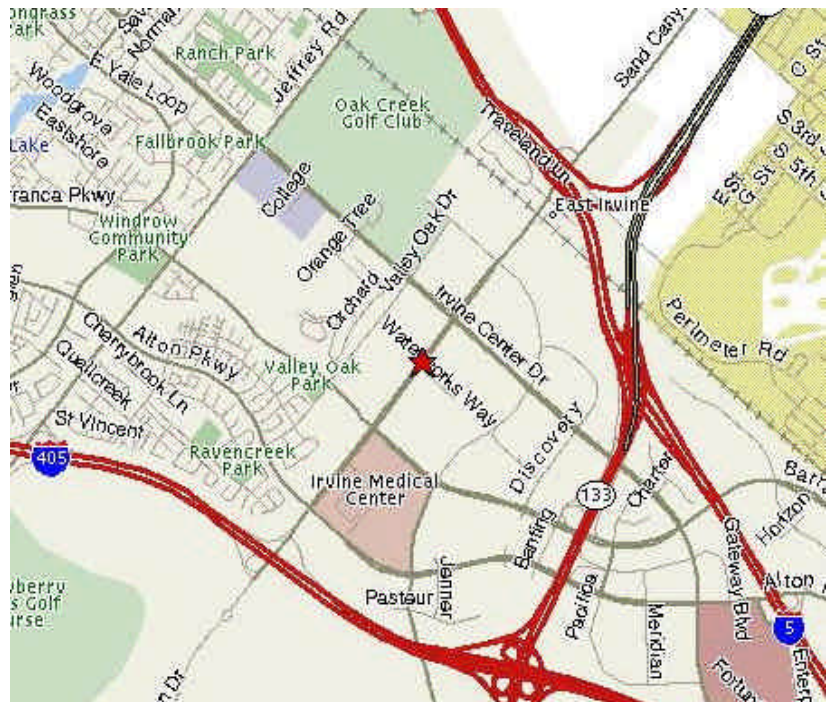
February 3rd Meeting Notice

The next meeting will be Tuesday, February 3, 2004 at the Irvine Water District. The address is 15600 Sand Canyon Drive. There are exits for Sand Canyon Drive on both the 5 and 405 freeways.

The executive council meets at 7:00 PM, and the business meeting starts at 7:30 PM. We had over 20 members present at the last meeting. There are lots of things being planned, and we need your help.

Jim Parsons will put on a simple, but informative demonstration utilizing MGS Epoxy with Aero-sil.

JOIN US!!



Plane Rap Archives

Thanks to John Brown, a previous editor of Plane Rap, we have found out that four recent issues were not published, so we won't list them as missing from our Plane Rap newsletter archives. January, July, and December of 2000, and January of 2001 are non-existent. 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.	1994: Nov missing.
1984: Jan through Sept and Nov missing.	1995: Aug missing.
1985: June missing.	1996: Feb, June missing
1986: May missing.	1999: Dec missing.
1987: Feb 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 (information on page 12).

Activities at Fairview Park – Saturday 7 Feb 2004

The City of Costa Mesa is celebrating it's 50th year. Among activities planned will be a 5 kilometer Fun Run/Walk at Fairview Park on Saturday 7 Feb 2004. To participate, contact Amy Kuchta at (714) 754-5065. Registration is \$20 for adults and includes breakfast and a T-shirt. The race is scheduled from 8 to 9:30 AM, and will be followed by a raffle, awards, a live band, and a Community Expo at the park.

Harbor Soaring Society has been invited to participate in the Community Expo by having a booth. We plan to show a number of planes, and have members present that can introduce the public to our club, pass out brochures, and answer questions. (Editor's note: Amy Kuchta agrees that giving flying lessons could be a really neat special feature, and she said the race course will not come anywhere near the flying area. Those with AMA Introductory Pilots Ratings might take note.) We need a number of enthusiastic members willing to show off our static display of planes and talk to visitors. Booth setup will be between 8:00 and 8:30 AM, and we need to staff it from 9:00 to about 1:00. Please contact Troy Peterson or Fred Hesse (Phone numbers on the last page of this newsletter).

AMA Convention 2004

The annual Academy of Model Aeronautics Convention for 2004 was held at the Ontario convention center on January 9,10 and 11. This was a new venue for the convention, and it brought in more people from the Riverside and San Bernardino area that found the location more convenient. The show was great as usual, with lots of fun stuff and great prices.

Your editor was particularly impressed with a new company that is producing beautiful models from the experimental aviation arena. Experimental Aircraft Models (EAM) produces 1/5 scale replicas of real experimental or home built aircraft. They have seven ARF models including the Challenger II, which is a high wing ultralight pusher, and a huge Velocity XL canard. Their web site is www.rchomebuilts.com and definitely worth checking out.

Your Adopt-A-School instructor, accompanied by Karl Hawley, attended the AMA Education Committee Round Table Discussion, held on Saturday. This was a meeting attended by 20 representatives from Southern California model clubs. Primary topics included setting AMA standards for training and certifying both students and trainers/educators. Everyone was enthusiastic about AMA guidelines, but many wanted to make the conditions voluntary, and keep the qualification process in the hands of each club. Everyone recognized the problem of nation wide certification of instructors in particular. A second topic involved using educational services and activities as leverage to gain local government support for flying sites. Now that is a sophisticated concept.

Some of the significant points that emerged from the group included the suggestion to join the local Chamber of Commerce. One club claimed to have the police chief and the school district director taking free flying lessons from them. Another suggestion was to get companies to match the YES grants that the AMA gives out. A third suggestion was to ensure that adults as well as youths were emphasized in training programs.



Editorial Rambling

Karl Hawley is proposing that HSS put on an RES Bent Wing contest with invitations going out to all the Southern California clubs. The tentative date would be Saturday May 29 (subject to change). We should make sure this does not conflict with Walt Cloer's conceptual plans for a Mid-Summer Electric Fun Fly. Karl suggests a man-on-man format with 10 minute rounds and precision landings. Karl feels that since everyone has so many trophies already, that the contest prizes consist of splitting 50% of the entry fees between the top 5 winners. Now that ought to catch everyone's eye! Those interested should contact Karl. He also would like to have some help in running the show. (Well count me in, Karl. – Ed.)

Having myself been confused by the rules and procedures of Harbor Soaring Society (and also caught with my pants down for not knowing the rules), I went on a search and located (finally) the latest set of constitution and bylaws dated 1 Jan 99 (Thank you Steve Hendry). I would now like to share these with all members that have been wondering about HSS organization and management. Unfortunately, popular opinion says that the bylaws should not be on our web site as that is a little too public, and nobody else's business. So, I am making an offer to all members. **Anyone wishing an electronic copy of the bylaws sent to them by E-mail should contact Fred Hesse (fhesse@socal.rr.com). For hard copy sent by snail mail, they should contact our Secretary Don Ramsey.**

Congratulations to Jim Hanson on his recent retirement. That means more time to play with planes, but Jim mourns the reduced capital to purchase toys for his new found time. Jim will now spend more time with his own company where he does some fabulous vinyl graphics and business cards. Anyone needing stylized graphics, AMA numbers, and other model trim should contact Jim at Goat Hill Graphics, (949) 646-3603 or E-mail to tog4ff@pacbell.net . Also, check out his ad on page 9.

Flight School

I have been eager to re-publish some of the great articles that may be of help to so many of us who are trying to learn to fly, so here is another one. This is an excerpt from Mike Deckman's article on Common Problems in Thermal Soaring.

Problem: Not finding thermals, despite obvious thermal activity.

- Concentration and alertness are primary ingredients.
- Flying experience helps. If you still have to concentrate hard on flying your plane, your attention to thermal indicators will be diverted. If this is the case, practice with an emphasis on flying until it becomes second nature.
- Search for thermals with a plan. Don't just launch and hope you stumble into a thermal.
- Know the thermal indicators (by watching your plane).
- Do not jump from plane to plane. Fly the same plane and learn its characteristics.
- There is no substitute for stick time.

Problem: Not knowing the difference between a workable thermal and a "teaser".

- A teaser thermal is one that does not have sufficient diameter and strength to work within your plane's performance envelope.
- Remember, if you are not going up, leave and continue searching.

Problem: Turning too soon or in the wrong direction when lift is encountered.

- Turn towards the uplifted wing.
- Count three seconds before turning, after lift is encountered. If you turn too quickly, you may fly right out of the thermal and think that you turned in the wrong direction.
- If you turned in the wrong direction, continue the turn until lift is encountered again.

Problem: Not centering (locating the best lift position) in the thermal.

- Explore the thermal to determine its size and shape.
- Use centering process to adjust position into the best lift. If lift varies during the turn, open up the circle towards the better lift and then resume a normal turning diameter. Note if the lift varies during the new position. If it does, adjust position again.
- Note: Make only small corrections. If you over correct, you may lose more than if you under corrected.



- After the sailplane has been climbing for a while, explore again to see if the plane is still in the best lift.
- When entering a thermal on a windy day, search downwind from other planes in the thermal. Many pilots do not keep up with the thermal drift on windy days.
- Sometimes the core is all there is! Work these thermals tight and be on the lookout to make quick adjustments.

Problem: Not increasing speed when sink is encountered or when you are downwind and trying to get back to the field.

- Your control inputs should reinforce the effects of the air mass movements your plane is in. If the plane is going up, pull back on the stick (so as to slow down a little). If the plane is going down, push forward on the stick.
- In sink, push forward on the stick to increase air speed to get out of the sink area.
- When you are low and downwind, increase air speed to get back to the field. You are not looking for maximum time in the air under this condition!

Problem: Inconsistent flight path control.

- If you move the control stick with your thumb, make a concerted effort to learn to use the index finger and thumb instead.

Problem: Problems controlling or maintaining proper thermal turns.

- Do not "flick" the control stick. You are flying with a proportional control system. Use It!

Adopt-A-School Status Report for December 2003

The AMA offers a one-time opportunity for financial assistance to charter clubs operating educational programs such as our Adopt-A-School program. This activity is called the Youth Education Stipend or YES grant. Funding limits are \$500. We have submitted our proposal, which requests \$456 (we didn't want to seem too greedy). They are due by the first of January each year, which is why we had not submitted one previously. If approved, the funds will be awarded to HSS for purchase of a radio system, a copy of the computer simulator program RealFlight G2 Lite, and expendables like props and stuff.

Flying classes continued at the Boys and Girls Club of Huntington Valley, but our Thursday meeting time has been obliterated with Thanksgiving, Christmas, and New Years holidays. While only one or two students attend our Saturday flight training at Fairview, the opportunity to work one-on-one gives a much more concentrated learning experience. At least three students have obtained their own planes and radios during Christmas. Offers of assistance in assembly have been extended. Will Conrad (venerable editor of Plane Rap for many years) is now assisting in flight training with our Adopt-A-School program. He has a wonderfully friendly approach with the kids, and has a way of really catching their attention. Thanks for your help Will, and I hope all that youthful exuberance doesn't wear you out!

Organization of new classes has been slow due to the holidays. We will begin another series of classes at the Boys and Girls Club in late January or early February. The classes at Fulton Middle School in Fountain Valley are still planned for late January. Continuation of classes at Heninger Elementary School is on hold.

Be sure to see the recognition of Harbor Soaring Society in the February 2004 issue of AMA's Model Aviation magazine on page 180. District Ten Vice President Richard Hanson included a good description of our program, along with a reprint of the Costa Mesa Daily Pilot photo from the Sunday June 1, 2003 issue.

Donations to the HSS Adopt-A-School Program

Bob McKenzie who flies regularly during the week at Fairview Park, has graciously donated two foam training gliders to our Adopt-A-School program. These are the Schweitzer TG-3 gliders with 6 foot wingspan produced by Dave's Aircraft Works. The planes are in great shape, and Bob says he used them to learn on. This means either Bob learned to fly quickly, or the planes really can take a beating. It's probably both. Each plane includes an Airtronics receiver, two servos, and NiCd's. Our Adopt-A-School instructor and chief repairman is deeply indebted to Bob because an unbelievable amount of time gets spent putting busted training planes back together. Thanks Bob, and hooray for indestructible foam trainers!



Anyone with used radio or aircraft that is too valuable to give away should contact Fred Hesse (Adopt-A-School instructor). We have a steady market of young students that would appreciate purchasing used equipment for a reasonable price.

Coming Events For 2004

Saturday	January 24	Southern California Soaring Clubs (SCSC) meeting to plan rules and 2004 calendar of events. John Brown's home, 3334 Nevada Ave, Costa Mesa CA.
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.
Saturday	February 7	Fairview Park/Costa Mesa 5K Fun Run/Walk and Community Expo. Help with the HSS booth is needed. See write-up on page 5.
Sat – Sun	Feb 7-8	Central Arizona Soaring League, 16 th Annual Southwest Classic, precision duration, at Schnepf Farms in Queen Creek AZ, near Phoenix,
Fri-Mon	Feb 13-16	San Diego Winter Electric Fly-In. Located right next to Sea World.
Sunday	March 2	Third HSS thermal duration contest for 2004.
Tuesday	March 4	HSS monthly meeting, 7:30 PM, at the Irvine Water District offices. Address is 16500 Sand Canyon Avenue, in Irvine.
Sunday	April 4	Fourth HSS thermal duration contest for 2004.
Tuesday	April 6	HSS monthly meeting, 7:30 PM, at the Irvine Water District offices. Address is 16500 Sand Canyon Avenue, in Irvine.
Fri-Sun	April 16-18	CVRC 3 rd Spring Aero Tow (Giant scale), Russell Pond club field, Visalia CA.
Sat-Sun	April 24-25	RCX 2004, Radio Control Expo, Anaheim Convention Center, Anaheim CA.
Sat-Sun	May 1-2	CVRC Bent Wing Competition, Russell Pond club field, Visalia CA.
Sat-Sun	July ?-?	Inland Soaring Society RES competition Riverside CA.
Sat-Mon	Sept 4-6	Vintage Glider Meet (Info will be provided by Larry Tuohino)
Sat-Sun	October 2-3	CVRC Fall Glider Festival, Russell Pond club field, Visalia CA.
Thurs-Sun	October 7-10	Hobby Vision Show, Venician/Sands Convention Center, Las Vegas NV.

HSS January 4, 2004 Thermal Duration Contest Results

First things first, with the strong showing of electric flyers at the old thermal field our contests will start at 10:00 AM on the first Sunday of each month. It works better.

For the January 4th competition, the rules were as follows:

- Tasks: 40 minutes. As many flights as it takes
- Landing: 100 point tape.
- Twist No.1: Must land on the minute.
- Twist No. 2: Total landing score divided by # of flight attempts.
- Scoring: 100 points per minute. 5 pps off the minute. 4000 flight points possible. 100 landing. 4100 total.

I did a similar format last year but this time every flight was a precision task. We round up from 30 seconds to the higher minute and only used the whole minute against your target. It's easy to score this way and leaves you with a whole minute target.

Advantages of this format:

1. Long target time.
2. Long flight times.
3. Everyone can make the target.
4. Challenging enough to keep you alert when you get a bit low.
5. Enough penalty points to make it interesting.

Slight Santa Ana's, so the field was reversed and the contest started. I was the first to launch, after all, I needed a trim flight. Well, 40 minutes later and 16 or so small thermals, I found out I needed landing practice. 39:59 and a Zero. I suck. What can I say.



Final Results

Position	Name	Pts	Flights
1.	Larry Jolly	4094	1
2.	Mark Browning	4086	1
3.	Tim Cone	4069	2
4.	Tom Watson	4050	2
5.	Ross Thomas	4018	2
6.	Tom Copp	3995	1
7.	Jim Parsons	3919	3
8.	Arnie Frankenberger	3970	2
9.	Casey Adamczyk	3894	2
10.	Steve Vasquez	3703	4

Its easier to do with a small turnout. I think we had 1 freq conflict. So, you can choose to fly 40 one minute rounds or one 40 minute round, get in as few or as many landings as you want. Larry's 39:59 and 99 left the door wide open. All you needed was a 40:00 and better than a 96 and you were in there!

Tom Copp, Contest Coordinator

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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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Balboa at Burbank
818-985-1162 | FOUNTAIN VALLEY
18475 Pacific Street
405 Fwy. Euclid exit
714-964-8846 | SANTA CLARITA
20655 Soledad Can. #41
Between I-5 & I-14
961-295-3300 | RANCHO CUCAMONGA
12459 Foothill Blvd.
Foothill at 15 Fwy.
909-463-0657 | |
| | SAN DIEGO
4344 Convoy St.
South of Balboa
658-385-7997 | LA HABRA
1401 S. Bauch Blvd.
Near Imperial
962-947-3874, 714-994-5221 | ORANGE
311 E. Katella Ave.
Near Glendon St
714-288-8170 | LAKELWOOD
5449 South Street
South at Bellflower
562-804-2515 | CHINO HILLS
2971 Chino Ave.
In Rolling Ridge Plaza
909-364-0157 | MURRIETA
26755 Jefferson Ave.
Between Murietta & Winchester
909-677-5818 | NEW LAS VEGAS #1
2810 S. Decatur Blvd.
Decatur at W. Sahara
702-671-6191 |
| | EL CAJON
408 Broadway
At Ballantyne
619-444-6135 | PASADENA
270 North Hill Ave.
North Hill at Locust
626-568-0883 | LAWDALE
16722 Hawthorne
Hawthorne & 158th
310-214-0244 | CAMARILLO
1775 E. Daly Drive, N
Near Carmen Drive
805-445-1905 | RIVERSIDE
10126 Indiana Ave.
Tyler Village Center
909-785-6773 | REDLANDS
835 Tr City Center Drive
I-10 at Alhambra
909-307-1185 | NEW LAS VEGAS #2
5466 Boulder Highway
At E. Tropicana Ave.
702-547-2204 |

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Corner of Rockfield & Mercury
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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 _____ **STATE** _____ **Zip** _____ **E-MAIL** _____

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

DATE OF BIRTH _____ **Frequency channels used** ___/___/___/___

- NEW APPLICANTS (With Name Tag)--(17 years and older) = \$25.00**
- SENIOR MEMBER (Renewal W/O Name Tag)(17 years and older) = \$20.00**
- JUNIOR MEMBER -----(16 years and under), = \$10.00**
- FAMILY MEMBER -----(At same address) = \$ 5.00**
- Extra HSS Name tag----- = \$5.00**
- 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)**
- I request E-mail delivery of the monthly Plane Rap newsletter in place of U.S. Mail delivery of hard copy.**

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. 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 for the following year. A signature is required from all Harbor Soaring Society members, agreeing to comply with the current AMA Safety Code and the current HSS General Field rules and Field Safety Rules

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 specified 20 Khz per channel frequency separation. 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 _____



HARBOR SOARING SOCIETY OFFICERS FOR 2004

President	Troy Peterson	(714) 540-2441	troyflyboy@aol.com
Vice President	Jim Parsons	(714) 636-9867	jpspectra@aol.com
Secretary	Don Ramsay	(949) 759-1984	yasmarnod@sbcglobal.net
Treasurer	Christoff Adamczyk	(949) 760-5038	czyk@adelphia.net
Contest Coord.	Tom Copp	(949) 645-7032	tom@f3x.com
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General Director	Troy Peterson	(714) 540-2441	troyflyboy@aol.com
Field Marshal	George Azvedo	(714) 832-7819	No E-mail address

See our web site at www.1hss.org for news, the color issue of Plane Rap, activities, pictures, and more. Now over 105,000 visitors.

REMINDER: RENEW YOUR MEMBERSHIP FOR 2004 - BEFORE MARCH 2, 2004

FEBRUARY MEETING IS TUESDAY 3 AT IRVINE WATER DISTRICT (MAP ON PAGE 4)

Jim Parsons will put on a simple but informative demonstration utilizing MGS Epoxy with Aero-sil. New club member Arnold Frankenberger is going to be bringing in a new set of Mako obechi sheeted wings which will be used as part of the demo. We should be able to at least attach a leading edge and a wing tip block.

HARBOR SOARING SOCIETY
P.O. Box 1673
COSTA MESA, CA 92626