



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



December 2011

Volume 48

## THIS MONTH'S HEADLINES

**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:

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### Coming Events and Soaring Competitions

November 2011 - January 2012

The following events are of special interest.

- Sunday Nov. 27. Indoor Fun Fly at Tustin LTA hangar. Sponsored by HSS. See details on page 10 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 4 of this newsletter.
- Thursday Dec. 29. Indoor Fun Fly at Tustin LTA hangar. Sponsored by HSS. See details on page 10 of this newsletter.
- Tuesday Jan 3. HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. General meeting at 7 PM. Exec meeting at 6:15.
- Fri-Sun Jan 2012. AMA Expo at Ontario CA Convention Center. See details at [www.modelaircraft.org](http://www.modelaircraft.org).



**HSS Business and General Meeting Minutes for November 1st, 2011**

I. Business Session: Meeting was called to order at 6:10 p.m. by president Henry Smith 4. Officers in attendance were Vice President Chris Adamczyk, Treasurer Dennis Anderson, Competition Director Jim Hanson, Newsletter Editor Fred Hesse, Safety Officer Karl V. Hawley, Photographer Rob Askegaard, and Secretary Ted Broberg. Also attending were Jim Ward, Ross Thomas, Jim Sonnenmeier, George Brimmer, Curt Nehring, Art Tinsley, James Jones, Gary, Jim, and Ercil Gough, Bob Voss, Jeff Greene, Dick Odle, Pete Kruse, Mike Fox, Fox Anderson, Jerry Hunter, Dave Whittington, John Anderson, Mike Fox, Walt Cloer, Erv Szego, and Gytis Tamulaitis. Visitors this evening included "Fox" Anderson and his friend Jim, and Gary Gough's brother and father, Jim and Ercil Gough

A. Henry 4 met with Robert Staples today. THE CITY WANTS US TO HELP FUND THE PAVEMENT OF THE FLYING FIELD, OR WE WON'T GET THE USE AGREEMENT RENEWED. WE WOULD HAVE TO BE DEFINITE AS TO HOW MANY DAYS PER YEAR WE WANT THE USE OF THE FIELD FOR FLYING. BUT, IT WILL TAKE THEM THROUGH A LOT OF "HOOPS" BEFORE THEY COULD GET APPROVAL TO DO THIS. NO DRAWINGS YET; WE WOULD GET LIMITED USE OF THE FIELD, PAVED. WE'D HAVE TO PROVIDE "FINANCE." [FOX ANDERSON OFFERED \$3K.] ROBERT WILL HELP WHOEVER MAKES OUR PRESENTATION TO THE COMMISSION/DEPARTMENT IN NOVEMBER. -- USE AGREEMENT LASTS TIL THE MIDDLE OF NEXT YEAR. -- MAYBE AMA COULD HELP. EST. COST: \$120,000. THEY'RE ALSO LIKELY TO GO AFTER THE TRAIN GUYS.

B. Fred asked whether we have reached a conclusion as to who will do the grading. We reviewed the bids. More on this later.

II. General Session: Called to order at 7:00 p.m.

A. Henry 4 announced OCRCC's Swap Meet at Murray Community Center, 24932 VETERANS' WAY, Mission Viejo. Contact Joni Whitsitt ( [wwwjo@aol.com](mailto:wwwjo@aol.com) ) for date and time.

B. Fred made three announcements:

1. The volunteer clean-up half-day: Free coffee and donuts; we'll work with the model railway club to clean up the park.
2. The Club Christmas party will be at Coco's Restaurant, 2750 Harbor Blvd, Costa Mesa, at 6:00 p.m.
3. He reminded us of the Indoor Fun Fly at the blimp base in Tustin: Nov. 27 is our day to sponsor it, and again Dec. 29, \$15 for either day. Contact Fred Hesse.

C. Henry 4 has been to all the other indoor events at the Lighter Than Air Base, and recommends it to anyone with an under-10-ounce model, small electric helicopter, or slow flyer. You'll enjoy it! "Go buy a VAPOR and come on down. You'll love it."

D. November 16th is when we make our presentation to the Parks Commission, City Council Chambers, 77 Park Ave., Costa Mesa. 6:00 p.m. Look like you're a professional.

E. Henry met with Robert Staples at the field today. Robert said that the sports field people have expressed that they want to pave the field and use it for parking during their events. They have stated that if we do not agree to support the pavement project, we will lose our privilege of using the field. If we do not participate, we would likely have no more than a year's use of the field. They want to increase the use of the Estancia field for Pop Warner football, and add a soccer field. John A. may have some ideas that may help us. The sports people would like to use some of the railroad club's property, also. Both Henrys will be working on the use agreement for the next five years' use.

F. Program: Curt Nehring and his friend Pete Kruse made a presentation of radio-controlled sailing. Pete and Curt are shown on the next page accompanied by the sailboats they brought.

G. Show and Tell: Ted showed his Vin Quang Warbirds DAGO RED P-51, and Henry Smith 4 showed his SOPWITH Triplane. He hopes to fly it at the next Indoor Fun Fly. It weighs about 6 ounces.



**HSS Business and General Meeting Minutes for November 1st, 2011 (continued)**

H. Results of the Election of Officers: twenty-eight ballots were cast, and the slate of nominees was elected as printed on the ballot:

President, Walt Cloer; Vice President, Erv Szego; Secretary, Ted Broberg; Treasurer, Dennis Anderson; General Director, Henry Smith III; Contest Coordinator, Jim Hanson; Assistant Contest Coordinator, Henry Smith III; Newsletter Editor, Fred Hesse.

Installation of officers will be at the December 6 meeting. In addition to the volunteer positions previously staffed, we have a new volunteer for the Web Site Administrator: new member "Fox" Anderson. Welcome, Fox, and thanks to all for serving.

I. Drawing: Jim Gough won the big stunt plane model. Many more prizes next meeting, including a HiTec transmitter from Erv Szego and a fine "L'IL RASCAL" electric plane donated by Jim Sonnenmeier and more! See photos next issue.

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



Peter Kruse and Curt Nehring presenting RC sailboat lecture.

**HSS Executive Committee Meeting Minutes for October 28, 2011**

Steering Committee: Meeting was called to order at 2:45 by Henry Smith IV. Officers in attendance were President Henry Smith 4, Newsletter Editor Fred Hesse, Safety Officer Karl Hawley, Treasurer Dennis Anderson, and Secretary Ted Broberg. Also attending were James Sonnenmeier, Ross Thomas, and John Rittenhouse. Several items were discussed and acted upon:

- A. Christmas party: Tuesday, December 6, 6:00 p.m., at COCO's on Harbor, near Adams, in Costa Mesa. Vice President Chris Adamczyk made the arrangements.
- B. Park Clean-up: Saturday, November 12, with the Miniature Train members; 8:00 on; We'll supply coffee and donuts, cups, and trash bags. Henry 4 will have a truck to haul the trash we pick up to a disposal facility. Ted will post the notices that Fred made, a week or so ahead.
- C. Indoor fun-fly: Nov. 27, Blimp hangar. Contact Fred Hesse.
- D. Use permit agreement renewal: Henry III will submit a request to Robert Staples.
- E. Runway Expansion project: Fred told us what bids have come in. ACTION: We approved and accepted the offer by Rogers Grading of Garden Grove. Henry III and Henry 4 will take the proposal to Robert Staples early next week.
- F. Elections: Mail-in ballots must be received prior to the Nov. 1 meeting; other ballots will be available at the dinner meeting.

-- Meeting adjourned at 3:50 p.m. Respectfully submitted; Ted Broberg, Secretary.



## December 6th Christmas Party and General Meeting Notice

Harbor Soaring Society is having the 2011 annual Christmas Party and officer installation dinner on December 6<sup>th</sup> 2011, at 6 to 9 PM. Because of the wide acclaim from the 2010 party, we will have it at the same Coco's Restaurant on 2750 Harbor Boulevard at Adams in Costa Mesa. Everyone is invited including wives, friends, children, and non-member guests. The menu includes 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.

# HSS Christmas Banquet



## Annual Club Banquet

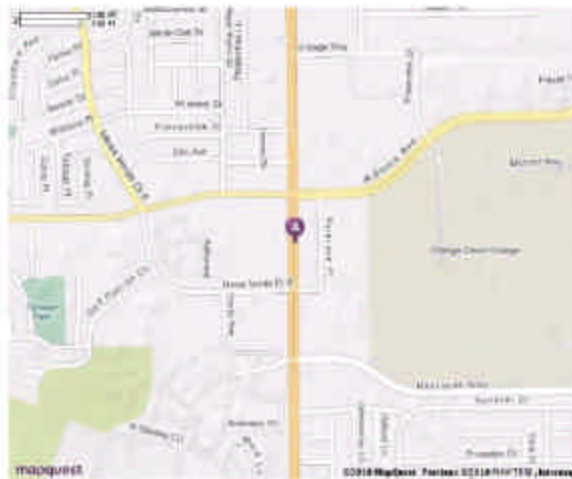
Tuesday night December 6<sup>th</sup> 6:00pm -9:00pm

**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](mailto:fhesse@socal.rr.com).





### Christmas Party Raffle

As part of our gala Christmas party, we have a spectacular raffle, of even greater significance than our usual monthly meeting raffles (Oh come on guys, go along with the hype).

For a starter, on the right we have a HiTec Laser4 transmitter on 72 MHz Channel 50. This was contributed by Erv Szego, our new Vice President.

Below, we have a "Li'l Rascal" donated by Jim Sonnenmeier. This is ready to fly with a geared, brushed motor, and a HiTec "Feather" receiver.

Below right is a 2-meter motor glider with V-tail and brushed motor. This contributed by Don Ramsey.

Not shown is a 2.4 GHz FLY-SKY transmitter, receiver, and charger, new in the box, also from Don Ramsey.

Finally a set of metal, air-powered retracts, given by Dennis Anderson.



### 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](http://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](http://www.modelaircraft.org). or apply on line. Renew your AMA membership online, then print the receipt that they provide as proof that you paid, or 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

### 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?

### President's Message

My hobby is building and flying model airplanes. In fact it's probably a little beyond being a hobby at this point. It has moved into the realm of a life style. Now I don't compete so compared to some people I'm still small potatoes. But it's my hobby. What isn't my hobby is city council meetings, FAA regulations, and putting out squabbles between members of our club. How ever all these things and much more are coming down the pipe to us over the next year. The death of almost all clubs and flying fields is the idea that we have a god given right to fly where ever it is that we fly. That's not true. We as a club have the privilege to fly in one of the prettiest places in all of Orange County. So does everybody else that flies at Fairview. This privilege is being brought under scrutiny by the city council and others. Our use agreement has only been extended for one year. We were denied being able to grade an area for field improvement. There is a possibility of losing even more if the parking lot goes in. If you're reading this you probably already know all about those things. What I put to you is: How do you the individual club member help? This is a question I have asked myself many many times over the past few months. Now that I'm going to be a regular club member again my answer is: It's complicated. I will look to the new administration for guidance and leadership. I will remind my club members that we can be closed down at a moments notice. That we are the last soaring club in the county. That we were one of the first electric clubs. That we have the power to be the greatest club in the county. This is my hobby and it's the best dam hobby. So I put it to you the members what do you want? Do you want a place to fly model airplanes? If you say yes then please be more proactive in the coming year. Please get more people to join the club for at the very least to stay in contact with how things are going on the council front. If all you want is a place to sit and complain about the state of the union then the city council will probably let you do that from a parking lot. If you want a place to keep enjoying a great past time, then get involved and don't let the city council turn our field into a parking lot. I plan on being far more helpful as a regular club member than I ever was as president. I wish Walt the best of luck and I'm sure I'm not the first but I hope I'm not the last to say that I will help him in any capacity he asks of me. Thanks, Henry 4 - 2011 President

### General Director's Message

November 16 evening was quite interesting to me and important to the future of HSS. The Costa Mesa Parks and Recreation Commission met to discuss the HSS request to enlarge our graded flying area. Several members of HSS were present and spoke in favor of the extension to the field. Quite a few local homeowners and parents of Waldorf School children spoke in opposition to any grading or indeed any other alteration in Fairview Park. The homeowners outnumbered HSS members. The general flow of homeowner comments ran along the lines of "We like Harbor Soaring Society and support their use of the park but we are opposed to damaging the pristine park environment by further grading this large area near the vernal pond". To make a long story short the Commission passed a motion to ask the City Council to renew our use agreement for a period of one year and to deny our permission to grade a larger flying field.

One good thing that came out of all of this is the fact that these same homeowners are opposed to paving our field for use as a part time parking lot. If the city proposes to go ahead with plans for additional parking in our area, we can expect the homeowners to oppose this or any other significant changes to the master plan for Fairview Park. The City Council is expected to vote for our use extension in January. The incoming HSS administration will have an interesting year. Thanks to Henry 4 and Chris Adamczyk for the fine service to HSS in the past year. The club is in good hands with Walt Cloer and Erv Szego in the lead.

Henry 3, - General Director

### AMA EXPO 2012

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](http://www.modelaircraft.org) for details.

**Fairview Park Cleanup Report**

We had an excellent turn-out of volunteers Saturday November 12 participating in cleaning up Fairview Park. This was a joint community service project with Orange County Model Engineers and Harbor Soaring Society. HSS provided coffee and donuts, which arrived a little late as the day was predicted for 100% rain. Fortunately it was dry at the park for the extent of our project. Members of OCMA included Larry Ogle, Joe Hayes and Terry Cummings. HSS members included Henry Smith III, Henry Smith IV, Chris Adamczyk, Erv Szego, Ted Broberg, Jim Ward, Jim McDonald, Sid Hood, Karl Hawley, John Rittenhouse, Rob Askegaard, and Fred Hesse.

As shown in photos 3319 and 3321, we first helped load this discarded office furniture onto a truck provided by the city maintenance crew. Our group photo (3324) is most of the participants, except for a few that were still out beating the bushes. 3327 shows most of the trash loaded onto Henry Smith III's truck and taken to the dump. The remainder was stuffed into the park's trash barrels.

Photos by Ted Broberg. Thanks Ted. – Ed.



Photo 3319



Photo 3321



Photo 3324



Photo 3327



### Runway Maintenance

Jim Ward has nobly taken the responsibility of maintaining our runway. As you are probably aware, he had the field sprayed for weeds earlier this season, with city permission. This has resulted in a great surface with little or nothing to trip up a beautiful landing. Next, he found a line chalking machine (shown at right) and has delineated the runway centerline and nominal borders. With all of this work, Jim has earned the title of (voluntary) Field Marshal.

Jim now provides an appeal for support in order to control vegetation resulting from the coming rainy season.



### FELLOW FLYERS OF FAIRVIEW

It appears time again to look to the field condition, not for what it is now but what it will be in a month or so.

There is greenery appearing around the edges of the field. Rain is in the forecast for the next few months. Rain will encourage the vegetation. If we attack the weeds before they get big and go to seed we will have less vegetation in the future.

I was very pleased with the response last time there was a call for support and hope your enthusiasm and pride have remained as high. This is not a project being done by the City of Costa Mesa or the Harbor Soaring Society. This is a project supported by the pride of my Fellow Flyers of Fairview who believe this is not a place we are allowed to fly but a place we are proud to fly.

With the permission of HSS and The City I am making arrangements to have the field sprayed after the next rain. To make it less complicated I have decided to initially fund the spraying and striping of the field. Because of Park and environmental paperwork it is most practical to have it professionally done. The cost will be about \$350. The first \$20 will be my contribution. Maybe the remaining \$330 to be made by like minded users of the field who who would like to step up our pride. Maybe YOU!

Multiples of \$20 will be graciously accepted. Pledges of \$100 or more and I won't bug you until Jan 2012. When you are ready to contribute see or call me. Jim Ward 714-833-4004

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

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

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

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





**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 (6-14 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 Regulations 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. Release of liability and birds is not allowed in the park. Do not disturb native plants or animal paths.

Applicant's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Submit to City of Costa Mesa, Recreation Division, 2nd Floor, 77 Fair Dr., Costa Mesa, California.

Permit Number Issued: \_\_\_\_\_

IF YOU HAVE ANY QUESTIONS, PLEASE CALL: (714) 754-8000

ISSUED PERMIT



## 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 27<sup>th</sup>, and again on Thursday Dec 29<sup>th</sup>, 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 27<sup>th</sup>, 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](mailto: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](mailto: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](mailto: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](mailto:stukadave@cs.com) for further details.



**Model of the Month**

Here is a beautiful ARF assembled by Joseph Park. It's a "Mr. Mulligan" racing plane made by Great Planes. It has a 51" span, Rimfire 32 motor, 4s 3300 ma Lipos. He plans to increase the power to 5s 4500 ma.

The real "Mr Mulligan" won both the Bendix and Thompson Trophy races in 1935. It was one of Benny Howard's designs in the long line of successful Howard airplanes of the 30's and 40's.

Text and photos courtesy of Rob Askegaard. - ed.





**SC2 Competition Results For Torrey Pines Gulls Event**

The results for the last Southern California Soaring Clubs (SC2) competition are shown below. This event was held at the Encinitas Flight Center on October 23, 2011, and was hosted by the Torrey Pines Gulls. The format was precision duration, with three rounds of 5 minutes, 10 minutes, and 10 minutes.

There are no more scheduled events, so we can assume the year to date results apply to the 2011 competition season.

Check the SC2 Soaring web site at [sc2soaring.com](http://sc2soaring.com) for the latest scores and yearend results.

SC-2 Contest #9 Encinitas Flight Center October 23, 2011			Hosted By TPG Keith Finkenbiner, Contest Director Cliff Hunter, Scorekeeper									Contest Entries <b>48</b>	
Precision Duration Format			Round 1, 5 mins			Round 2, 10 mins			Round 3, 10 mins			SCORES	
Place	Pilot	Class	T7	LI	SI	T2	L2	S2	T3	L3	S3	Total	Norm
1	Klein, David	E	5.00	99	999.0	10.00	94	994.0	10.00	99	999.0	2992.0	1000.0
2	Lee, Mike	E	5.01	91	988.0	10.01	90	988.5	9.56	96	990.0	2966.5	991.5
3	Filice, Gary	E	5.03	93	984.0	10.03	92	987.5	10.00	89	989.0	2960.5	989.5
4	Fitzgerald, Dan	E	5.01	86	983.0	10.01	100	998.5	10.00	79	979.0	2960.5	989.5
5	Stewart, Ed	E	5.00	92	992.0	10.00	85	985.0	10.03	86	981.5	2958.5	988.8
6	Reagan, Mike	E	5.01	77	974.0	10.00	90	990.0	10.00	91	991.0	2955.0	987.6
7	Watson, Tom	E	5.01	89	986.0	10.03	86	981.5	10.02	84	981.0	2948.5	985.5
8	Dionisio,Patrick	E	4.58	94	988.0	9.56	67	961.0	10.00	91	991.0	2940.0	982.6
9	Garland, Steven	E	5.01	68	965.0	10.01	87	985.5	10.01	87	985.5	2936.0	981.3
10	Canfield, Mark	S	4.59	91	988.0	9.59	76	974.5	9.44	90	966.0	2928.5	978.8
11	Larson, Erik	E	5.03	70	961.0	10.02	85	982.0	9.57	88	983.5	2926.5	978.1
12	Behm, Chris	S	5.04	85	973.0	10.02	82	979.0	10.03	76	971.5	2923.5	977.1
13	Romero, Chico	S	4.59	54	951.0	10.00	77	977.0	10.01	93	991.5	2919.5	975.8
14	Day, Warren	Int.	5.03	62	953.0	10.01	80	978.5	9.54	85	976.0	2907.5	971.8
15	Murphy, Mike	S	5.02	81	975.0	9.59	73	971.5	9.57	48	943.5	2890.0	965.9
16	Garland, Matt	Int.	5.00	37	937.0	9.57	69	964.5	9.57	91	986.5	2888.0	965.2
17	Khani, Ali	E	5.01	47	944.0	10.00	54	954.0	10.00	86	986.0	2884.0	963.9
18	Monte, Brandon	S	4.26	85	883.0	10.01	95	993.5	10.00	98	998.0	2874.5	960.7
19	Cavazos, Robert	RES	4.58	67	961.0	10.00	90	990.0	8.52	96	894.0	2845.0	950.9
20	Dora, John	E	5.04	86	974.0	10.05	68	960.5	9.57	8	903.5	2838.0	948.5
21	Ward, Les	S	5.06	77	959.0	9.57	31	926.5	10.05	0	892.5	2778.0	928.5
22	Le, Tuan	E	4.28	0	804.0	9.57	98	993.5	9.57	82	977.5	2775.0	927.5
23	Dona, Alberto	Int.	5.10	9	879.0	9.57	57	952.5	10.10	0	885.0	2716.5	907.9
24	Vera, Edgar	E	4.59	85	982.0	9.25	0	847.5	8.08	97	829.0	2658.5	888.5
25	Throop, Terry	E	4.39	67	904.0	9.55	28	920.5	9.00	0	810.0	2634.5	880.5
26	Skube, Mike	Int.	5.03	82	973.0	10.08	97	985.0	7.01	0	631.5	2589.5	865.5
27	Paulson, Kyle	E	5.00	95	995.0	5.29	98	591.5	10.00	84	984.0	2570.5	859.1
28	Hurd, Steve	Int.	4.59	33	930.0	10.04	0	894.0	6.32	70	658.0	2482.0	829.5
29	Markiewicz, Arthur	RES	5.02	99	993.0	9.58	86	983.0	3.54	97	448.0	2424.0	810.2
30	Vera, Edgar	RES	4.37	85	916.0	10.00	95	995.0	5.14	0	471.0	2382.0	796.1
31	Borer, Dan	Int.	4.51	93	966.0	10.01	87	985.5	3.40	94	424.0	2375.5	794.0
32	Markiewicz, Arthur	E	4.59	35	932.0	4.08	87	459.0	9.23	97	941.5	2332.5	779.6
33	Shelby, Rick	E	3.56	0	708.0	5.44	87	603.0	10.01	97	995.5	2306.5	770.9
34	Borer, Dan	RES	5.05	68	953.0	10.03	73	968.5	2.36	89	323.0	2244.5	750.2
35	Reagan, Mike	RES	4.59	84	981.0	10.01	88	986.5	2.55	0	262.5	2230.0	745.3
36	Townsend, Craig	Int.	5.07	56	935.0	10.05	53	945.5	3.28	0	312.0	2192.5	732.8
37	Khani, Ali	RES	5.01	55	952.0	3.52	0	348.0	8.38	90	867.0	2167.0	724.3
38	Thomas, Ross	E	4.59	0	897.0	10.00	2	902.0	3.17	72	367.5	2166.5	724.1
39	Anderson, Major	S	5.06	16	898.0	8.33	79	848.5	4.22	0	393.0	2139.5	715.1
40	Romero, Chico	RES	5.03	84	975.0	5.40	0	510.0	5.32	21	519.0	2004.0	669.8
41	Smith, Mike	E	5.01	85	982.0	10.00	96	996.0	0.00	0	0.0	1978.0	661.1
42	Condon, Scott	E	5.04	75	963.0	6.49	0	613.5	0.00	0	0.0	1576.5	526.9
43	Campbell, Frank	S	3.26	55	673.0	3.50	77	422.0	4.02	0	363.0	1458.0	487.3
44	Vance, Jon	Int.	5.01	79	976.0	4.25	12	409.5	0.00	0	0.0	1385.5	463.1
45	Dona, Alberto	RES	5.07	24	903.0	4.21	0	391.5	0.00	0	0.0	1294.5	432.7
46	Hunter, Clifford	E	2.46	61	559.0	4.35	0	412.5	1.56	0	174.0	1145.5	382.9
47	Keisling, Thomas	E	5.01	93	990.0	0.00	0	0.0	0.00	0	0.0	990.0	330.9
48	Cavazos, Robert	E	5.04	89	977.0	0.00	0	0.0	0.00	0	0.0	977.0	326.5



## Costa Mesa Parks and Recreation Commission Meeting - November 16, 2011

These are the notes from the disastrous Parks Commission meeting that made the decision to block our runway grading project. Ted Broberg did a magnificent job capturing the details.

HSS members in attendance were Henry Smith III, Fred Hesse, James Ward, James Sonnenmeier, Rob Askegaard, Karl V. Hawley, George Brimmer, and Ted Broberg.

Commission members were Chair Jeff Matthews, Vice Chair Kim Pederson, and Commissioners Dean Abernathy and Ethan Temianka; absent was Commissioner Dan Vozenilek.

Meeting was called to order, and the audience joined the Commission in repeating the Pledge of Allegiance.

After a report on the conditions of Costa Mesa Parks, with a remark that perhaps more attention would be needed for the younger age-group of children, and the decision for Mr. Matthews and Mr. Temianka to make a further tour of Parks on December 10, the agenda item 10 A was discussed.

10 A: Request by the Harbor Soaring Society for a renewal of the Use Agreement at Fairview Park, and request for permission to improve the flying field by leveling and grading a one-acre region adjacent to the existing runway. This would remove the mounds, and move the runway further from the paved walking/bicycle path.

Comments from the audience were mostly from persons living near the Park, or parents of children attending Waldorf School. Concerns included those who did not want any additional parking area, especially if paving were involved; water run-off; appreciation for the friendliness of the people who fly, and their willingness to give information to visitors as to the importance of maintaining the habitat, especially the Vernal Ponds. Several speakers mentioned their concern about the loss of natural habitat throughout Orange County, and the need to protect these remaining unspoiled areas. Some expressed concerns over noise and safety issues. One person said she's watched the planes, and that many of them only need ten or 15 feet to take off or land. One woman said she had been hit by a plane, and her daughter was narrowly missed by another. One lady suggested moving the flying area to the other side of Placentia, where the Miniature Train area is. She also expressed concern that the City would consider this proposal with so little study: "How much soil would be moved? Would this change the drainage? It's archaeologically sensitive. \$126,000 for more parking? I'm very, very worried."

A mother of a child at Waldorf School said there is too much noise; the helicopters fly near some of the classrooms. "And the children have to go around the fliers when they nature-walk." She's glad the children can experience real Nature, not just on computers and TV. Another person said he's watched Orange County change from what was like Fairview Park is now, and how development has changed it. He pointed out that the Master Plan showed the flying field as "Silent Fliers," but now the proposal calls it "Existing Model Aircraft Flying Field." He suggested we move to another location, such as the Tustin Air Base.

Another gentleman declared that the next thing they'll want is hangars, and already the park is turning into a Japanese

Supporters of the field expansion mentioned the scarcity of suitable areas for the sport, and the economic importance of fliers coming here, buying products and services, groceries and gasoline, in Costa Mesa. Jim Ward said many of the fliers are aging, and this is "our last place to play." Henry Smith III recommended the expansion be approved, chiefly for safety reasons: increasing the space between the walkway and the airfield. He reminded the Commission that the Harbor Soaring Society has been managing the field for years, with no cost to the city. Further, its members regularly do whole-park cleanups, including one last Saturday that removed a pick-up truck full of trash. He then thanked the Commission for their help, and asked for them to approve the proposed improvements -- at no cost to the City.

James Sonnenmeier suggested that rather than this proposal being for an enlarging of the flying area, that it is a moving, or re-alignment.

The Commissioners asked for more specific information, and a defining of such things as speed and noise limitations.

Motion by Commissioner Temianka:

1. Open dialogue; get more information.
2. Extend the HSS Use Agreement for one year, to January, 2013.
3. Deny the runway expansion.

Seconded by Mr. Pederson

Motion carried, four to zero.



Seen Around The Glider Field

We have a nice collection of gliders and their pilots this issue, complements of our star club photographer, Rob Askegaard.

Starting at right and below right, we have Todd MacAndrew posing with his beautiful AVA and executing a launch.

Immediately below is Tom Vincent and his V-tailed Hera.





**Seen Around The Glider Field (continued)**

Starting at right is Doron Ben-Yehezkel launching Jim Hanson's Supra.

Below is Erv Szego being assisted by Tom Sherwood, launching Erv's Shadow.

Center right is Chris Adamczyk with his Charm.

Bottom left is Tom Vincent holding his Shadow.

Bottom right is Jim Sonnenmeier with his 1.8 meter Sprite 1080.



**Seen Around The Heli Pad**

Our intrepid staff photographer, Rob Askegaard, has captured some more photos of our club helicopter pilots. Below is Chris Hill with his helicopter "Outrage 550".



**Seen Around The Runway**

Rodney Arevalos brought out this very nice P-51B called Shangri-La, a fighter flown by Don Gentile, a World War II ace. It's an E-Flite platinum series model using a Power 46 motor, 70 amp Turnegy ESC, 13-8 prop, E-Flite electric screw drive retracts, Spectrum AR 7010 receiver, 5 cell 4000 ma Lipos, bomb/tank drop capable and all balsa construction.

I love it when Rob Askegaard takes such great photos, and then turns around and provides astonishing history to go with it.

Thanks, Rob. - editor.





**Seen Around The Runway (continued)**

At right and below is Jim Ward with his Spitfire. A model produced by CMP (China Model Products) with fiberglass fuselage, built up wings, AXI 4120 20 count motor, 14-12 prop, 6.5 lbs and 54" span. Photos by Rob. - editor.

Bottom left, Ted has provided this great photo of two of his students(?), Dane and Harrison.

Bottom Right is Jim Hanson and his camera plane. We hope to get some of Jim's photos to show here in the newsletter.





**LIPO Battery C Ratings**

The following is copied from a discussion on the [Allegro-Lite@yahoo.com](mailto:Allegro-Lite@yahoo.com) blog that is maintained by a number of leading glider enthusiasts associated with MIT (Massachusetts Institute of Technology). This includes Dr. Mark Drela, and Dr. Bob Parks who made the following reply to John - - . John has brought up a discussion about LMR and the newer ALES competitions that include a 2 meter class.

Editors Note – The discussion begins with a few lines preceded by >>. These comments are from another contributor, and seem unrealistic. The 12 amps give a 37 C discharge rate. Bob Parks remarks follow, and he always concludes with a little philosophy.

>> Hi John

>>

>> A (good) 3 cell lipo pack will hold about 10.5v

>> under load. Now if the load is 12 amps, we are getting 126watts in

>> (10.5\*12). A 325mah pack can do that for about a minute and a half. You only

>> need 30 seconds.

I think that's too much load for that size pack even with the best modern cells. I have done a moderate amount of high power testing of batteries. I have not yet seen a pack that \*I\* would rate at more than HALF of the manufacturer claims. I have recently done some testing of the 65C ThunderPower packs, and I consider them to be a pretty good 25C pack. Doing a full discharge at that rate on a 4s 3300 mah pack results in a REALLY warm battery pack. Its easily pushing 150F in the core, and that's probably the limit for the cells if you want any kind of lifetime out of them.

Some of the "who knows who really made it" packs probably have even more exaggerated C rate claims, but I have not personally tested them.

Now, doing a little pack like a 325, it will be easier to cool it. And you are only doing short runs, so maybe.. but plan on short battery life.

The voltage of the pack will also sag quite a bit at that load. It would be well below 10.5v.

I would really go look at something more like a 700 mAh pack.

A while ago, I did a WindDancer (simplified ARF AL from Polecat) and put in an Axi inrunner with gearbox and a 2100 LiPoly (10C was the real limit back then). About 240W electric power on 23 oz. I measured 2700 ft/minute rate of climb! Just a bit absurd! I pulled out the in-runner and started to replace it with an Axi 2217, and it will get a lighter battery, but I also need to redo all the covering (its a bit ragged now), and that has not happened yet.

Bob

\*\*\*\*\*

Bob Parks [bob@kidsource.com](mailto:bob@kidsource.com) [parky@alum.mit.edu](mailto:parky@alum.mit.edu) [www.kidsource.com](http://www.kidsource.com)

"Education is what remains after one has forgotten what one has learned in school." Albert Einstein

And a little more philosophy from Ted Broberg:

Life isn't about how to survive the storm, but how to dance in the rain.



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

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

- **Custom laser cutting services** are now provided by GDH Planes, in addition to manufacturing kits. With the currently weak Canadian dollar (we are a Canadian company), it is a great time to use our services and take advantage of the exchange rates, adding to our already reasonable rates (US\$1 is currently equal to about \$1.157 Canadian). Should any of your members require this service, please have them visit our web site at [www.gdhplanes.com](http://www.gdhplanes.com) or email us at [LaserCutting@gdhconsulting.ca](mailto:LaserCutting@gdhconsulting.ca).

Regards, Glen Harbottle President GDH Consulting Corp. Tel: 905-668-2326 [glenh@gdhconsulting.ca](mailto:glenh@gdhconsulting.ca)

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Please ask staff if you have any further questions.

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MEMBERSHIP APPLICATION 2011-2012

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AMA Chartered Club # 128**

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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**

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

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

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

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

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

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

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

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

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

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

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

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

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



**HSS MEMBERSHIP SURVEY – 2011 - 2012**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



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Flight Instructor	Ted Broberg	714-235-6430	<a href="mailto:tbroberg@earthlink.net">tbroberg@earthlink.net</a>
Field Marshal	Jim Ward	714-833-4004	<a href="mailto:califward@aol.com">califward@aol.com</a>

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

## NEXT CLUB MEETING WILL BE:

**TUESDAY DECEMBER 6TH, AT COCO'S RESTAURANT, 2750 HARBOR BLVD. COSTA MESA.**

**BRING YOUR WIFE, FAMILY, AND FRIENDS FOR DINNER. THIS IS THE ANNUAL HSS CHRISTMAS PARTY! A GALA HOLIDAY DINNER AND 2012 OFFICER INSTALLATION. WE WILL ALSO HAVE A RAFFLE. SEE DETAILS AND MAP TO LOCATION ON PAGE 4. SEE THE COLOR NEWSLETTER SENT BY E-MAIL AND AVAILABLE ON OUR WEB SITE.**

Harbor Soaring Society  
P.O. Box 1673  
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