



HSS is the oldest AMA chartered R/C Soaring Club  
in the USA. Founded 1964  
Silver Leader Club since 2009  
Gold Leader Club since 2011

February 2013

Volume 50

## THIS MONTH'S HEADLINES

We return to the regular monthly general meeting schedule in February. The next meeting will be 5 February, 2013, at the usual location. See you at Round Table Pizza at Warner and Euclid, 7 PM.

### Plane Rap Index

Check out the following articles:

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### Coming Events and Soaring Competitions

February - April 2013

- Tuesday Feb 5. HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. General meeting, 7 PM. NOTE: BACK TO NORMAL SCHEDULE. Exec meeting, 6:00. See P.10.
- Sunday Feb 17. Second 2013 SC2 soaring competition. Hosted by SWSA. See notes on P.14, or web site <http://site.sc2soaring.com>.
- Tuesday Mar 5. HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. General meeting, 7 PM. Exec meeting, 6:00. See P.10.
- Sunday Mar 17. Third 2013 SC2 soaring competition. Hosted by V V R C. See notes on P.14, or web site <http://site.sc2soaring.com>.
- Tuesday April 2. HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. General meeting, 7 PM. Exec meeting, 6:00. See P.10.
- Sat, Sun April 13-14. Orange County Youth Expo at OC Fair Grounds. Contact Joni Whitsitt to help out. [www.rwwjo@socal.rr.com](http://www.rwwjo@socal.rr.com).



**Executive and General Meeting Minutes for 8 Jan 2013**

- I. Business Meeting:** Officers in attendance included Vice President Jesse Calleros, Treasurer Dennis Anderson, Newsletter Editor Fred Hesse, John Rittenhouse, Henry Smith IV, Randy Wilbur, and Secretary Ted Broberg.
- A. Blimp hangar discussion: We'll meet with AMA at the Ontario Convention Center, Saturday January 12, at 11 AM. A discussion of possible sponsors ensued. Hank: Let's contact UCI, who enters a team in the PAYLOAD FEST each year. John R.: Another good contact would be GOODYEAR, and any military and community contacts.
- B. Fish Fry at Fairview Park: Annual event, runs three days, May 31, June 1-2. Robert Knapp, City Recreation Manager, would like us to be involved. Randy Wilbur commented that this is same weekend as RCX. We expect to have two venues, a booth in the main event area, and activities at our runway. The 10'X 20' booth would feature Walt's B-17, helicopters, gliders and more. We would feature demonstration flying with winch gliders, 3-D stunt, and helicopters. We would offer free flying lessons, using gliders and electric aircraft. A proposal will be sent to Robert Knapp on 9 Jan 2013.
- C. A discussion was held concerning our use agreement with City of Costa Mesa. The Parks Commission will meet on 23 January 2013 to approve our request for a 5 year permit. If approved, the permit will go before the City Council on 19 Feb 2013 for final approval. HSS members are needed to attend these two meetings at Costa Mesa City Hall (at 6 PM) to show support.
- D. Indoor demonstration at the Blimp Hangar: Not yet scheduled. Henry Smith III will fill us in.
- E. Orange County Parks and Recreation meeting in late January will concern the Tustin Blimp Hangar. We need to plan toward this.
- F. The city is re-constructing the walkway adjacent to our runway. It was suggested to Robert Staples that the new walkway be located 10 to 15 feet further South from our runway and pits. A water line and tap have been suggested.
- G. We need to establish an email blast capability. Jim Odle will take it, with Henry 4 helping. Randy Wilbur of OCRCC is using MAIL MONKEY, and it has nice features. Dennis Anderson maintains the club roster for newsletter distribution. This will be used for the E-mail blast list.
- H. Intro Pilot licensing: AMA no longer asks for \$5 for each permit, which insures both the trainer and the trainee. With the limit on instructors removed, HSS is looking to expand our training staff. Bruce Schaefer, John Krug, and Tom Sherwood have volunteered to be glider instructors.
- I. Dennis A.: Correction to 2013 HSS membership application. City fee is now \$25, not \$20. Also, Dennis wishes to delete the \$10 partial year option.
- J. John R.: Park now fines \$280 for smoking in the park. This may be a state-wide law.
- Business meeting adjourned at 7:10 p.m.

**II. General session:** Called to order at 7:15 by President Walt Cloer. In addition to the above, these folks attended: Tom Sherwood, Mary Lou Calleros, Sven Backlund, Larry Koch, Kevin Koch, Joe George, George Brimmer, James Hanson, Joni Whitsitt, Dick Odle, Sid Hood, Mike Fox, Ross Thomas, David Whittington, Jeff Greene, John Krug, and Jim Sonnenmeier.

- A. Use permit: Walt is concerned with the 10-pound limit. He would like to see more built-up planes, rather than low-priced "foamies." He said he's had more than one of the planes he's spent months building "shot down" by cheap foamies. He'd like to see if we can get the 10-pound limit raised. AMA has a 55-pound limit. He wouldn't want this request to interfere with the possible 5-year renewal, but would like to bring it up to the City Council. He feels that the ten-



### Executive and General Meeting Minutes for 8 Jan 2013 (Continued)

pound ruling was hastily decided after just one flier made a scary comment to them back in 2006. At that time, Jim Hanson brought a foam plane in, to show how little threat it would be. He was asked how much that one weighed. "Around ten pounds." So that is what was put into the law. Robert Staples has told him he could make his request of the City. There was considerable discussion.

- B. David Whittington: Many fliers are not showing a city permit. Jim Sonnenmeier: "I just ask them, and say the police have been checking. Usually they show me a permit. Just be friendly about it." Fred: "Keep a written record of who they are." Dave replied that he keeps the list in his head. Jim H.:" Ask them, inform them, and then walk away. "Walt: "I'd say 25-30 percent are without permits."
- C. Fred: "Robert Staples told us that they are constructing and filling ponds -- large ones -- in the park, and he asked if "Rise Off Water" (ROW) planes and electric power boats -- even RC sailboats -- would be possible, depth permitting. The use of the ponds will be decided at a later time. FPV (First Person View) planes might also be something to look into. We should widen our base of activities."
- D. Fred: "We need aircraft for training purposes; Ted brought an EASY GLIDER for the raffle, but it would be better to use it for a trainer. Jesse: Can the club put more money into training?" (Yes). Joni: " You ought to have four people, with four training boxes, and advertise their contacts in your newsletters."
- If interested in becoming an Intro Pilot Trainer, see the AMA web site. (Doc. 921 and 917.)
- E. Jim S: "We did buy a landing mat and it is layed out for our glider landings. It's a done deal."
- F. Henry IV: "There are discus-launch glider guys standing on the runway, and it makes it difficult to make take-offs and landings." Dick O. and Jim S. will speak to those involved.
- G. Jim Hanson: "I want to put in a good word for Horizon Hobbies. I had a Spektrum DX-8 radio stolen, and Horizon contacted him to ask him to de-register this radio, as the new owner wants it registered to him." They told him to file a police report, and have the police send them a copy of the theft report. He sent a copy of the police report to Horizon, and because he had **registered** the radio with them, **THEY SENT HIM A NEW RADIO, COMPLETE**, right away!
- H. Joni mentioned that the **Orange County Youth Expo** is April 13-14 , 2013. She's going to run it again this year. HSS has helped in the recent past. We need HSS members to volunteer for staffing this event. Contact Henry Smith III or Joni Whitsitt at [www.rwwjo@socal.rr.com](http://www.rwwjo@socal.rr.com) .

### III. Show and tell:

- A. Henry 4: Horizon Hobbies MICRO-CHAMP Fuselage with electronics, push rods, motor, is cheaper than buying the "brick" alone, and pushrods, etc. run still higher. The complete one is an incredible deal. I just bought three.
- B. Jim Hanson: Hobby King TALON TRI-COPTER three-motor multi-copter. You use a KK-2 board to program it in the field. It folds up. The board can be used to stabilize airplanes, and up to eight-rotor 'copters. Advice: Helicopters and multi-copters are not a low-effort hobby. It takes a real commitment of time and money.
- C. Jesse C.: Great Planes F-86 Saber, with "anylink" module. He got it at an auction at a Chino Fun Fly.

**IV. Program:** Jesse showed a video of the making of a full-sized powered sailplane. Jim S. narrated the construction steps as they showed the construction steps in building an 18 meter ASW 29. Then Jesse showed glider movies from the 1920's. Primary gliders and other types. Thanks Jim Sonnenmeier for your knowledgeable commentary.



### Executive and General Meeting Minutes for 8 Jan 2013 (Continued)

**V. Raffle:** Each month, we hold a free raffle of model materials, planes, kits, etc., given by other fliers. Winners select whichever item they want, so everyone gets his/her first choice of prizes! **WE PRESENTLY ARE OUT OF RAFFLE PRIZES. PLEASE CONTACT TED BROBERG, 714-235-6430 if you have something to contribute.**

The following items were raffled off.

A. SABRE electric helicopter, donated by John Rittenhouse. Won by Randy Wilbur.

B. HSS golf shirt, size XL, from Karl. ...chosen by Jeff Green.

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

### Accolades to our new Vice President

We have been meeting at the Round Table Pizza for over a year, and this is the first time we were able to use the big TV. It should be brought to everyone's attention that Jesse Calleros made that happen. He is taking his Vice Presidency seriously, and came in on his own time to figure out how to get video displayed. He then located the above mentioned videos and made history by showing them at our club meeting. We all need to commend Jesse for a job well done, and hopefully we can watch some of the DVDs that Ted Broberg has in the club archives. - Ed.

### 2013 RCX Exposition

The Radio Control Expo (RCX) is returning to the Long Beach Convention Center. The schedule is as follows:

Saturday, June 1, 2013	10am – 6pm
Sunday, June 2, 2013	10am – 4pm

Tickets

General Admission Tickets: \$15 at the door (Children under 12 are free)

\$5 off when purchased on line at [www.rcx.com](http://www.rcx.com)

Location: Long Beach Convention Center, 300 E. Ocean Ave. Long Beach, CA 90802

### AMA District X Website

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

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

### Club Expenditures

For those who wonder what our club dues are spent on, here is a short summary.

The membership voted to make a donation to the AMA by purchasing a \$100 "Walk of Fame" brick with the club name on it. We have yet to hear a response from the AMA, but expect to publish it when it arrives.

The membership voted to purchase a rectangular section of Astroturf to be used as a glider landing area. The carpet came as a 6' x 8' Tundra Grass Rug for 160.55. Two were purchased. The glider guys elected to pay for one, and HSS paid for the other. These sections are rolled up and stored in the shed when not in use.



**Be a Concerned Enthusiast – Support the AMA**

As discussed in the April 2012 issue of Model Aviation (the AMA publication sent to all AMA members), the federal government has passed the FAA Modernization and Reform Act of 2012, which includes Sec. 336 Special Rule For Model Aircraft. This law prevents the FAA from passing any rule that controls model aircraft being flown under the AMA safety code. The details appear on pages 14 and 15 of the April 2012 issue of Model Aviation. This Act resulted in part by the 90,000+ letters written by AMA members to their representatives.

The AMA will shortly be facing a new FAA regulation called the "small Unmanned Aircraft Systems" (sUAS) rule. In the next several months the FAA will post the preliminary regulation for public review. At this time the AMA will initiate a concerned citizens organization made up of AMA members to express their opinions of the preliminary regulation. To do this rapidly, the AMA will again contact all members by E-mail with instructions on comments and congressional contacts, which means the AMA needs everyone's current E-mail address. If you are not presently receiving occasional E-mail from the AMA, please go to [www.modelaircraft.org](http://www.modelaircraft.org) and update your personal information. It is important for all of us to actively support the AMA especially in this endeavor.

**2013 City Flying Permits Available Now**

Robert Staples has sent us the announcement (below) stating that City Flying Permits for 2013 are available now for the new price of \$25 per year. Remember to bring your new AMA license. Note that renewal by mail is now allowed. Submit application (available on line), copy of AMA license, and payment.

**RENEWAL NOTICE:**

The City of Costa Mesa will be accepting renewals for the 2013 Flying Permits beginning about October 20, 2012, 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).

**2013 Fish Fry at Fairview Park**

For many years, the City of Costa Mesa has produced a spectacular local event called the Lyons Fish Fry. This is a carnival type activity that was held at Lyons Park. Harbor Soaring Society participated regularly. Last year the event was held at Fairview Park. A charge of \$500 for a booth put the event out of the HSS budget. As reported last month, HSS officers met with Robert Knapp, who is Manager of Recreation for the Costa Mesa Parks Department. He asked if HSS would participate, and we explained that the booth charge was beyond our budget. He has offered to waive the charge, if we would participate, and asked for a plan describing our activities. The following proposal has been reviewed and agreed upon by our club executive committee, and submitted to Robert Knapp. This plan may be a little optimistic, but it is part of our community service that earns us Gold Leader Club status with the AMA.



## **2013 Fish Fry at Fairview Park (Continued)**

We invite our members to look over this plan, make improvement suggestions, and consider what part you would be interested in contributing to. The event is planned for May 31, June 1, and June 2. Think about manning the booth for a few hours, and then consider demonstrating your favorite type of aircraft. We have a broad group of enthusiastic pilots, and to go out and fly for the fun of it while performing a public service is a nice deal. While the RCX Expo is unfortunately planned for the same Saturday and Sunday, consider how you might fit our Fish Fry event into your schedule.

### **Lyons Fish Fry Event Plan** **For Harbor Soaring Society Participation, June 2013**

The following plan is proposed as the Harbor Soaring Society (HSS) requirements and activities to participate in the 2013 Lyons Fish Fry, promoted by the City of Costa Mesa. Anticipated dates and times are as follows: Friday May 31 (9AM – 6PM?), Saturday June 1 (9AM – 6 PM?), and Sunday June 2 (9 AM – 6 PM?). Note: We are aware that a cross country foot race on Sunday may draw 5,000 people. The flying venue will not be operational at that time.

HSS will support two venues. The first would be a static model display in the central event area. A covered area of approximately 20 by 10 feet is preferred, but a smaller area would do. A table would be desired to hold smaller models, and pamphlets. HSS plans on providing the following models as part of the static display.

- A flyable scale model of a four engine B-17 with a 10 foot wing span. This spectacular model was on the lead float at the nationally televised Huntington Beach July 4<sup>th</sup> parade, 3 separate times.
- A solar powered electric research plane with a 14 foot wing span. This model can be statically demonstrated by holding it in the sunlight and exercising the various controls.
- One or more three meter radio controlled sailplane with a 10 foot wing span.
- Several electric powered helicopters will be on display, with knowledgeable members available to describe the models.
- A collection of smaller gliders and electric powered planes, all radio controlled. We will have club members available to explain the basics of flight, and assist visitors in operating the controls.
- Members will have literature about HSS and answer questions about flying. They will then invite the public to walk over to our runway and flying field where we will give flying demonstrations and offer free flying lessons. The second HSS venue description follows.

The second venue will be our runway and flying field. There will be no need for any assistance from the Fish Fry planners to operate this second venue. Here, members will demonstrate the types of planes that HSS flies at Fairview Park. Selection of any demonstration will be strictly based upon safety conditions dictated by the number of spectators. Activities at the flying field will consist of at least the following.

- Electric powered helicopters will be demonstrated by our skilled helicopter pilots who have performed at such events as the Science Fair held at the OC Fairgrounds.
- Electric powered stunt planes will be flown, demonstrating a crowd-pleasing display of aerobatic maneuvers.
- Ducted fan electric powered jet planes may be demonstrated.
- The beautiful sailplanes will be demonstrated with their astonishing high altitude winch launch process, followed by the thermal soaring elegance of these models.
- An aero-tow demonstration will be performed in which an electric powered model tows a 100" span glider from take-off on the runway to a 400 foot altitude, releasing the glider which then soars quietly overhead.
- Optional demonstration of the solar powered model, and drone type aircraft.
- Hand launched gliders will be demonstrated with the discus style of launching.

The public will then be invited to fly a radio controlled electric powered plane or a glider, under supervision of a certified instructor who uses a special dual control transmitter which assures the novice that they can fly the plane without the fear of crashing. All beginner pilots will be insured by the Academy of Model Aeronautics (AMA) through the \$2,500,000 liability policy issued to our instructors and all HSS members.



**Blimp Hangar Project Team Meeting With the AMA**

As most well know, HSS formed a project team to try to make the Tustin Blimp Hangar open to indoor model aviation. The plan for this project is available on our web site, [www.1hss.org](http://www.1hss.org) . One step in this project was to meet with AMA officials at the 2013 AMA convention at Ontario, January 11-13, 2013. The following is the minutes of that meeting.

**HSS Blimp Hangar Project Team Meeting with AMA at Ontario Convention Center****Saturday January 12, 2013, 11 AM**

On Saturday, January 12, 2013, eleven members of Southern California model airplane clubs met with representatives of the Academy of Model Aeronautics at the annual AMA convention in the Ontario Convention Center. The topic was planning for our possible inclusion in Orange County's plans for multiple use of the Blimp Hangar at the Tustin Marine Air Station.

Attendees included John Rittenhouse, Henry Smith III, Fred Hesse, Jesse Calleros, Dick Odle, and Ted Broberg from Harbor Soaring Society; Kang Lee of San Diego, with the National Free Flight Association; Gary Ittner; Tim Cardin from OCMA and Scale Squadron, Joni Whitsitt and Randy Wilbur from Scale Squadron; Greg Stone of OCMA and OCRCC; Larry Tougas and Tim Johnson from District X of AMA; Tony Stillman of AMA headquarters. AMA Executive Director Dave Mathewson did not attend.

John Rittenhouse stated the reason for the meeting: Determine and implement a strategy that will result in securing this "premiere" site for indoor model aviation and related education. We wish to be included in the use of the Tustin Marine Air Station (TMAS) facility when it changes "management" from the Navy to Orange County Parks and Recreation Department's jurisdiction. We have proposed using the North hangar for indoor model aviation. Mr. Mark Denny, director of OC Parks Department, was contacted, and our preliminary proposals were well received. The property is especially well-suited for free flight model aircraft, and would be suitable for other types of model flying. John Rittenhouse then opened the meeting by introducing Kang Lee as the principal AMA representative between the Parks Department and the model aircraft community. The discussion follows.

Kang Lee: Tustin has been a part of indoor flying for years. It would be good for other types of flying, as well. We would wish to use it for major indoor events and championships.

Henry Smith: The County of Orange is being deeded 85 acres and the North hangar. Orange County Parks Commission plans a county park there. We met with them in the Blimp Hangar. Mr. Denny favors a multi-use role. On July 20, 2012, I demonstrated to those who attended, a VAPOR (electric R/C plane), and people loved it. The County is giving the Commissioners its plan, and we want model aviation to be included in it. This will take money, perhaps corporate or individual sponsors for specific events. John Anderson, who's not here today, works with introducing young people to aviation, and would like to involve some of the youth leaders.

Fred Hesse: 2013 is the proposed date of the transfer of deed. We have been invited to give a flying demonstration in the hangar to the contractors who have been selected for construction and landscaping. This demonstration is expected to occur in Feb-March of 2013. The park and hangar project are expected to be completed in 2016.

Joni Whitsitt: I work with the Orange County Youth EXPO and the annual Orange County Fair, and with schools, model clubs, and aviation. I'd want to see local clubs support this effort, such as Pomona Valley and Orange Coast R/C clubs.

Greg Stone: AMA supports the SCIENCE OLYMPIAD for seventh graders and up. The next event will be held at Golden West College in early 2013 (April?). Could the AMA get more involved in this?

Larry Tougas: Primarily, this is a "sales job"; selling the idea to Orange County and the public. The county probably has a "program" or catalog, advertising the public activities they have. Can you get on this? Become a fixture in Youth Outreach.



**Blimp Hangar Project Team Meeting With the AMA (Continued)**

Someone asked: Will the hangar still be used for blimps? Henry Smith III replied yes, for servicing them, but not construction. The Parks Department expect to have outdoor activities, like hockey, swimming, and horses.

Someone asked what the facility value might be like on a daily basis. Fred Hesse replied: We have rented it from the Navy several times for \$500 a day. Kang Lee: We paid a minimum of \$1000 a day for our contests at other facilities.

Henry Smith: The budget for the building of the Park has already been approved (\$80 million), and the Orange County Board has been elected. Joni Whitsitt commented: Warren Fox (a board member?) is on our side.

Larry Tougas: You need to build a relationship with these folks. Get to know all the decision makers. Get to know the Parks Board. There are over 500 modelers in Orange Count alone. Southern California has the bulk of AMA memberships. Larry further suggested making an organization chart of the county supervisors, Parks Department, and related officials.

John Rittenhouse: John Anderson has good contacts with members of the Orange County Parks Department. The model aircraft community has a history with the facility since the 1940's and 1950's. What leverage does the AMA have toward corporate sponsorships? The AMA has an association with the Experimental Aircraft Association. What leverage/synergy can be gained from their collaboration?

Reply: Contact Dave Mathewson. It is not too early to start.

Tony Stillman: We'd like to see a list of Special Interest Groups (SIGs) in the area [such as helicopters, free flight, hand launch, electric]. Tell the District X people. You may have a larger pool than you think. Figure out what financial contribution an event can bring to the community, such as rooms, gas, food and supply purchases. Decide what each group wants, as to use in a year, and how often, and what facilities they require. Be able to tell the County what advantage you can be to them. Check with Great Planes and Horizon Hobbies. This is a 12-months-a-year venue! Check with Dave Mathewson, AMA District Director.

Larry Tougas: Don't draw the circle too small here. [Consider contacting] Northrop, Boeing, Cessna, Goodyear Airship Operations.

Ted Broberg: Suggested Goodyear Airship Operations.

Fred Hesse : Is it too early to approach corporations?

Larry Tougas: No, but have a plan.

John Rittenhouse: Are there "high profile" individuals, like AMA representative and Shuttle Pilot, Robert "Hoot" Gibson, who could give us a hand?

Larry Tougas: Yes, AMA will provide special people as needed. Call for assistance through Larry.

Henry Smith: If you want to fly someone out here, I have more High Flyer miles than I can ever use, and I'll give them to a speaker to fly him here, first class.

John Rittenhouse: This facility is a National Asset! Successful negotiations culminating in access to the facility could be a big feather in AMA's cap, and a PR bonanza for the AMA. These efforts would be a pinnacle example of AMA's often stated goals of site acquisition and retention.

Larry Tougas: Get on a calendar of dates and events in the county. A local deep-pocket organization would help. (Others suggested names: Burt Rutan, General Lyon). Go to other clubs. Talk about what you want to do. Have P. R. events.

Tony Stillman: Create an Association of Orange County modelers and clubs.

John Rittenhouse: Who would be the controlling entity?

Tony Stillman: The Association.

Larry Tougas: Charter a new club (through the AMA), with representatives from each club.



**Blimp Hangar Project Team Meeting With the AMA (Continued)**

Kang Lee: Keep an open mind to the entire nation. Advertise this project nationally.

The attendees then exchanged business cards, and adjourned.

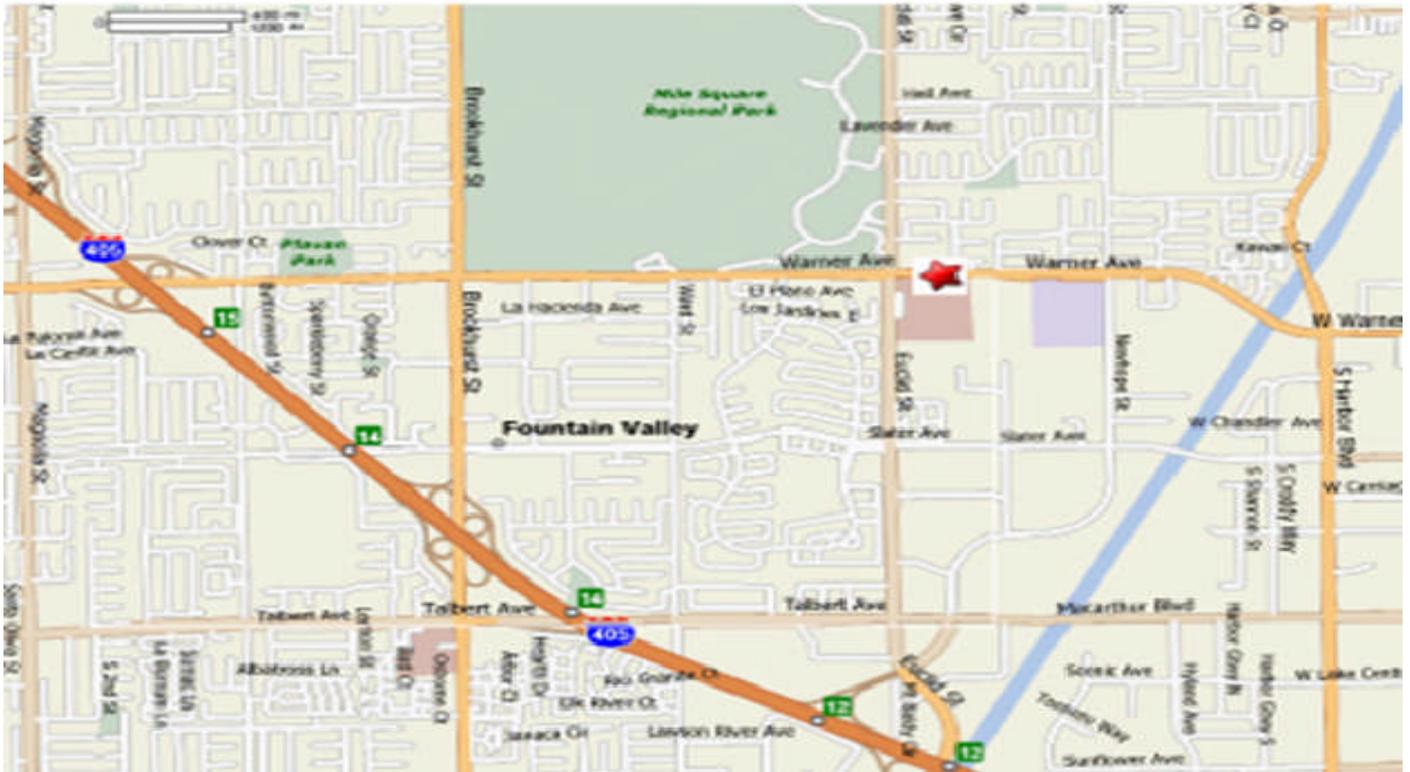
Respectfully submitted, Ted Broberg, Secretary, Harbor Soaring Society.

The following photos are of the meeting group. Courtesy of John Rittenhouse. Thanks, John.



## General Meeting Announcement For February 5<sup>th</sup> 2013

We are returning to our regular schedule with the next meeting on the first Tuesday February 5<sup>th</sup> at Round Table Pizza, 11095 Warner Ave. & Euclid (North-east corner) in Fountain Valley. Phone number is (714) 839-0276. The Family Night rate is all-you can-eat pizza, plus one salad bar, for \$6.99. Fountain drinks are an additional \$1.99, self-service, or \$2.99 per liter. Beer and wine are available. Bring your wife, family, friends, etc. Bring your favorite plane for show-and-tell. There will be a raffle for the plane shown below. The location is shown in the map below. The executive/steering committee meeting begins at 6:15 PM.



## 2013 HSS Membership

Our 2013 HSS membership enrollment season is in full swing. A membership application 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 2012 are good for all of 2013 as well.** AMA Membership applications can also be obtained at the AMA web site [www.modelaircraft.org](http://www.modelaircraft.org), download document No. 902 from the publications page. Or you can apply on line. If you renew your AMA membership online, be sure to print the receipt that they provide as proof that you paid. And, don't forget your City of Costa Mesa Flying Permit. Details are shown on pages 5 of this newsletter.

## SR-71 Blackbird Manual

Each month we get an E-mail contact from Floyd White of El Dorado Silent Flyers which advertises his twice monthly indoor flying event at the American Legion Hall, in Los Alamitos. Contact Floyd at [floydwhitejr@yahoo.com](mailto:floydwhitejr@yahoo.com) for further details. What is delightful about Floyd's message is that he always includes some links to interesting sites. This month he has included the link for the SR-71 Blackbird Flight Manual, at <http://www.sr-71.org/blackbird/manual/>. Fun stuff to browse through.



**Seen Around the Field**

Rob Askegaard's member photos. Rob likes the snowy mountains in the background. Thanks Rob. - Ed.



Jim Sonnenmeier's 3 meter Supra.



Jim getting off a launch.



Douglas Wilcox with his "Squall HP" vectored thrust 70 mm EDF.



Note how vectoring is connected



Bruce Schaefer with what looks like a brand new Gnome.



Ryan McHone's 42" span 3D biplane



**Scale Fly-in, Prado Airpark, Chino**

Randy Wilbur is Event Director for the annual Scale Fly-in at the Prado Airpark in Chino. This is a great opportunity for HSS members to fly their large scale models that might be too heavy for Fairview Park. Details are shown below.



**SCALE SQUADRON OF SOUTHERN CALIFORNIA**

**7<sup>TH</sup> ANNUAL**

# SCALE FLY-IN

**7, 8, 9 JUNE 2013, PRADO AIRPARK, CHINO, CA**

**“All Hail to Scale!”**



**Spectators Welcome! Free Admission!**  
**\$30.00/Pilot Landing Fee, Includes Parking. No Hook-Ups Camping: \$10.00.**

**"Attention Pilots!"**

- Scale Aircraft Only
- Free Pilots-Only Gas Card Giveaway
- Free Pilots-Only Giveaway Drawing
- Free Event T-Shirt for the First 75 Pilots (subject to size limitations)
- Current AMA Required
- 9 Awards Presented:
  - ★ Commander's Award
  - ★ Best Jet
  - ★ Best Biplane
  - ★ Best Military Prop
  - ★ Best WW-I
  - ★ Best Civilian
  - ★ Best Multi-Engine
  - ★ Best Detailed ARF
  - ★ People's Choice
- **NOTE:** No 3D Flying. No Turbines.

**Schedule:**

**Friday:** Registration starts at noon. Open flying with PVMAC club members.

**Saturday:** Registration starts at 7:30 a.m.. Pilots' meeting at 8:30. Noon-time demonstrations.

**Saturday Night:** Pilot's banquet—only \$20.00 per person for food, fun, and song! And the FAMOUS Squadron Hobby Auction!

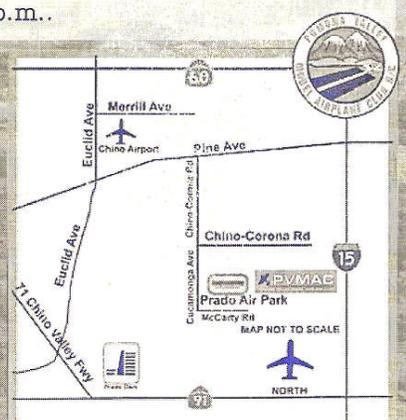
**Sunday:** Flying starts at 8 a.m.. Awards at 10 a.m.. Event flying until 2 p.m..

Food will be available on site for purchase

**Details & Registration:**  
[scalesquadron.com](http://scalesquadron.com)

Director: Randy Wilbur  
 (949) 683-9662  
[events@ScaleSquadron.com](mailto:events@ScaleSquadron.com)

**SPONSORS:**  
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**Largest ARF Ever(?)**

Jim Sonnenmeier passed this message about a big beautiful Super Constellation model, advertised as the largest ARF ever produced. After seeing the stuff at the AMA convention, that title seems dubious.

Article from Model Airplane News, courtesy of Debra Cleghorn - Executive Editor.

**PHOENIX SUPER CONSTELLATION FOR 4X 33CC ENGINES (4300mm WINGSPAN)**

It's a new year; don't you deserve a new plane? How about a giant-scale airliner ARF that's guaranteed to wow the crowd? This 4-engine, 169-inch-span plane comes covered in Oracover and has a bolt-on, two-piece wing for easier transport and field setup. Don't think you can fit the 157-inch-long fuselage in your trailer? No worries: it comes in two pieces! Other features include a set of heavy-duty air retracts, scale spinner, scale nose gear door and functional lights. You'll need four O.S. GT-33 engines, 20 servos and 9-channel radio. Available from the Australian [World Hobbies](http://www.worldhobbies.com), the Phoenix Super Constellation is available in the Qantas red and white scheme as well as in blue and white and costs approximately \$4800. Order now; delivery time can take up to 3 months!

**Description:**

The Super Connie was used as both a civilian airliner and U.S. military air transport plane, seeing service in the Berlin Airlift and as the presidential aircraft for President Eisenhower. As the first pressurized aircraft in widespread use, it helped to usher in affordable and comfortable air travel for the masses. Among airlines that flew Constellations were Aer Lingus, Trans World Airlines, Pan American World Airways, BOAC, Air France,

More info at: [http://www.worldhobbies.com/product/PHSUPERCONNIE\\_item.html?ref\\_cat\\_id=BVP](http://www.worldhobbies.com/product/PHSUPERCONNIE_item.html?ref_cat_id=BVP)

Including: [Connie manual.pdf](#) , [FEATURES](#), [GALLERY](#)

PHOENIX SUPERCONNIE (PH107) **Price: \$4500.00**

**Specifications**

- Wingspan : 4300mm (169.3 inches)
- Length : 4000mm (157.48 inches)
- Engine : 4 OS 33 GT (\$500 each, not included)

- Weight : 48kg
- Radio : Up to 9 channels and 20 servos

**Features**

- Covered in genuine ORACOVER®
- Bolt-on two-piece wing for easy transport and setup
- Fuselage 2 pieces for easy transport
- 1 full set heavy duty air retract included
- 4 aluminum plate spinner and scale spinner included
- 3 CNC making aluminum strut landing gear included

- 6 aluminum wheel hub included
- Scale nose gear door included
- Antenna scale detail and lights included
- All hardware included
- **Packing: 3 boxes**

Yup, you could make a close to \$10,000 hole in the ground with this sweetheart.



### **Challenge For Largest ARF Ever**

This 7 meter ARF model of the ASH-31 is an example of what else is out there as giant scale model aircraft. This sailplane is available through [www.espritmodel.com](http://www.espritmodel.com) at a price nearly equal to the Connie.

#### **Specifications:**

Wingspan: 7.05 meters (277 inches)

Length: 2.4 meters (94 inches)

Weight: 15-16 kg (33-36 lbs)

Radio Channels: 7-9

Optional Power: Electric UP AND GO

**Price: \$5,690 to \$6,065**



This is one of the best 1/3 scale versions of the ASH 31 from LET Model we have ever seen! Almost Ready to Fly, in this case means you have almost no building left to do. Simply install your radio gear and enjoy. The Let Model is well known throughout Europe for their excellent craftsmanship and this model is another excellent example. Many of the "custom" details like the tow release in the nose, the scale retractable landing gear with working doors, tail wheel, the full cockpit with instrument panels, and the canopy with scale-like hatch latches and sliding vents have already been pre-finished for you. With supplied outboard plug-in wing panels and amazing spring-loaded lock you will be in the air in matter of minutes. You need [to install](#) up to 4 servos in each composite wing. The wing and fuselage both have pre-installed wiring harnesses that also include multi-pin connectors for fast, trouble-free setup at the field. The elevator servo cleanly fits inside the vertical fin in its own fiberglass tray. The hollow molded rudder and stabilizer are already pre-hinged with linkages installed. Designed with the intermediate pilot in mind, the ASH 31 is a joy to fly. It thermals well and is fun on the slopes as well. It lands in remarkably small areas due to the generous flaps and spoilers.

### **SC2 Competition Schedule for 2013**

Here is the schedule for your Southern California Soaring Clubs (SC2) monthly contests for 2013. Check the SC2 web site at <http://site.sc2soaring.com> for further details and competition results. Check individual club web sites for directions to their flying field.

#### **2013 Contest Schedule**

January 20, 2013 Hosted by SULA

February 17, 2013 Hosted by SWSA

March 17, 2013 Hosted by VVRC

April 21, 2013 Hosted by TPG

May 19, 2013 Hosted by TOSS

June 15-16, 2013 Hosted by SULA (2-day MOM)

July 21, 2013 Hosted by HSS at SWSA

August 18, 2013 Hosted by ISS

September 15, 2013 Hosted by VVRC

October 27, 2013 Hosted by DSH at TPG

November 17, 2013 Rain Date

Dec. 2013 Toys for Tots Hosted by SULA & DSH

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

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

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

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

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

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

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

DSH – Downey Soar Heads – Downey

The year end final results for 2012 are available at web sites: <http://sc2soaring.com> and [www.1hss.org](http://www.1hss.org) .



**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.

**Glider Winch For Sale**

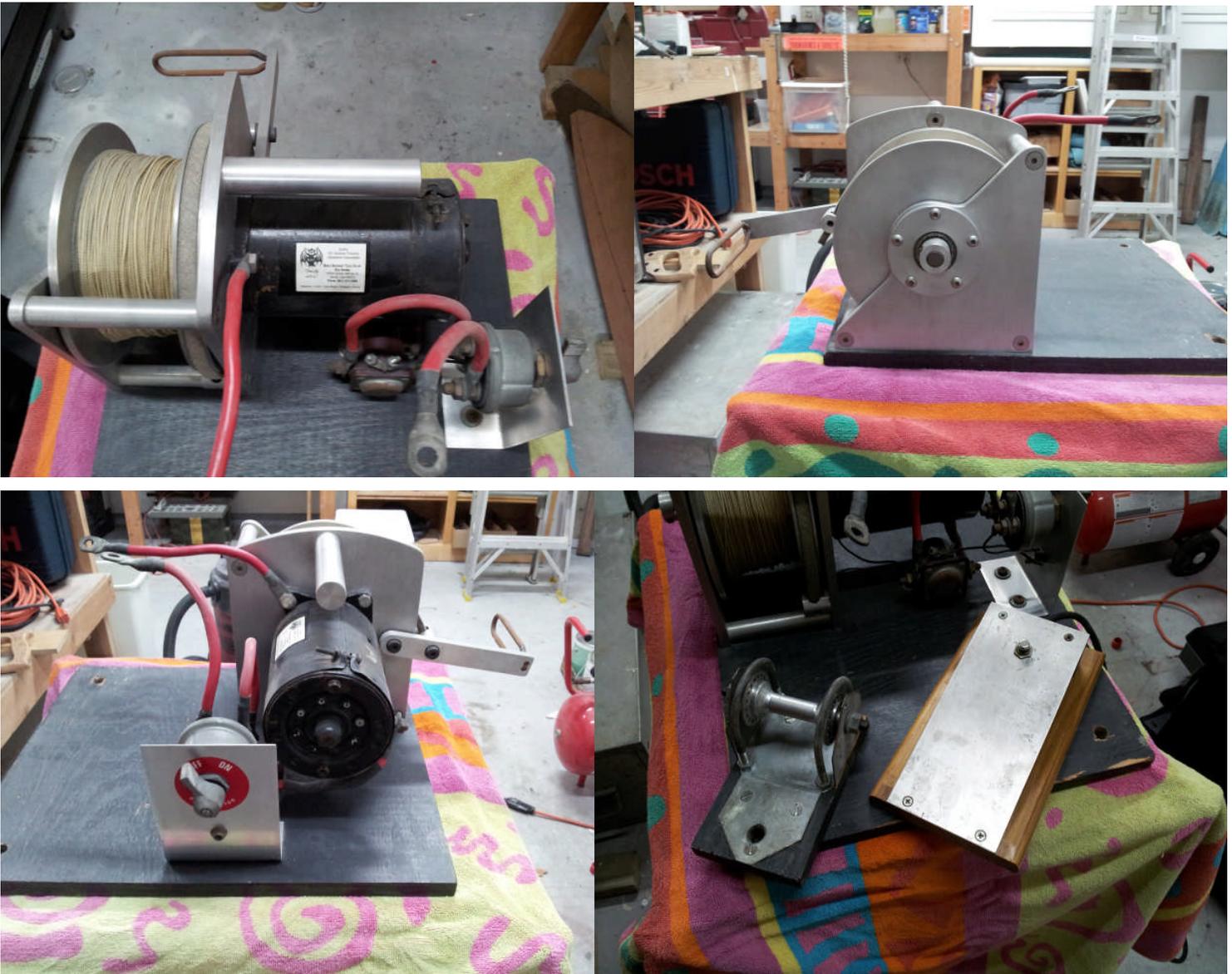
Skip Lindsey is offering the following glider winch for sale. He describes it as follows.

This is an original Basic Aircraft Technology winch built by Bob Harmon in Salt Lake City. These things are industrial works of art.

I'm the original owner and it was used as my "personal" unit when i wasn't flying with the club (Soaring League of North Texas).

The winch is equipped with an end plate support bearing which makes for very smooth operation. Powered by a Ford long shaft motor. It should launch just about anything you've got. It should probably be restrung, as I have not had it out for years. It includes a foot switch and turnaround.

I'd like **\$500** for it. Please call or text Skip at [949-235-8543](tel:949-235-8543), or Email: [skip.lindsey@gmail.com](mailto:skip.lindsey@gmail.com) . The following photos show the winch components.



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

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

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

### HSS Sponsors

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

## ROB'S R/C HOBBIES

Sales / Parts / Repair

Radio Control Airplanes, Helicopters, and Cars.  
**15071 Goldenwest St. Huntington Beach**  
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**(714) 372-3777**

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

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

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



**ADC** *hobbystore.com*

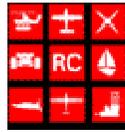
**ADC** *Signature Series*  
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**HSS Sponsors (continued)**



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**[www.gyrohobbies.com](http://www.gyrohobbies.com)**



HARBOR SOARING SOCIETY MEMBERSHIP APPLICATION FOR 2013

P.O. Box 1673
Costa Mesa, CA 92626
AMA Chartered Club # 128

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

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

NAME Home Ph.#

ADDRESS Work Ph. #

CITY STATE Zip E-MAIL

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

DATE OF BIRTH Frequency channels used

- NEW APPLICANTS (Without Name Tag)--(17 years and older) = \$20.00
SENIOR MEMBER (Renewal W/O Name Tag)(17 years and older) = \$20.00
JUNIOR MEMBER -----(16 years and under), = \$10.00
Optional or Extra HSS Name tag----- = \$15.00; including mailing
I hereby give my permission to publish my [ NAME ], [ ADDRESS ], [ PHONE ], [ E-MAIL ADDRESS ] in the monthly newsletter.
I request E-mail delivery of the monthly newsletter.
I request printed copy of the monthly newsletter by U.S. Mail.

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

New applicants making application between November 1st and December 31st will pay the annual rate indicated above and such dues will make the new member paid in full from November 1st through the following year. A signature is required from all Harbor Soaring Society members, and applicants, agreeing to comply with the current AMA Safety Code and the current HSS General Field rules and Field Safety Rules. Note that a City of Costa Mesa permit is required to fly at Fairview Park. Obtain this from the Costa Mesa Parks and Recreation Department. Cost is \$25.

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

Rev: 8 January 2013



HSS Sponsors (continued)

**Hobby People** *Serving Modelers Since 1972*

Since 1972, we've always been just a phone call away at **1-800-854-8471!**

In Southern California and Las Vegas you can **shop with us in-person in our stores.**

See the latest in radio control modeling: aircraft, helicopters, cars, trucks, and boats! See our selection of die-cast models, plastic models, static display models, and toys! Talk with our knowledgeable staff. Get help with your latest project. We're here to serve you.



**2012 STORE HOURS**  
Monday thru Friday: 10am to 7pm  
Sat: 10am to 6pm Sun: 11am to 5pm.

**FLY FLY**

**High Quality, Highly Detailed,  
EPO RTF Mini Park Flyers**



**P-51D  
Mustang**



## HARBOR SOARING SOCIETY OFFICERS FOR 2013

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Vice President	Jesse Calleros	714-543-0581	<a href="mailto:jesscall@sbcglobal.net">jesscall@sbcglobal.net</a>
Treasurer	Dennis Anderson	714-531-1320	<a href="mailto:dba999@pacbell.net">dba999@pacbell.net</a>
Secretary	Ted Broberg	714-235-6430	<a href="mailto:tbroberg@earthlink.net">tbroberg@earthlink.net</a>
General Director	Henry Smith III	714-322-6537	<a href="mailto:henry.smith.3@earthlink.net">henry.smith.3@earthlink.net</a>
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Flight Instructor	Ted Broberg	714-235-6430	<a href="mailto:tbroberg@earthlink.net">tbroberg@earthlink.net</a>

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

## NEXT CLUB MEETING WILL BE:

**TUESDAY FEBRUARY 5th 2013, AT ROUND TABLE PIZZA, 11095 WARNER AVE.  
HUNTINGTON BEACH, GENERAL MEETING 7-9 PM, EXEC MEETING 6 PM.**

**BRING YOUR FAMILY, WIFE OR GIRL FRIEND (DEPENDING ON WHOSE TURN IT IS), AND  
FRIENDS FOR DINNER. BRING YOUR FAVORITE PLANE FOR SHOW AND TELL. WE MAY HAVE A  
RAFFLE. SEE DETAILS AND INSTRUCTIONS TO LOCATION ON PAGE 7.  
SEE THE COLOR NEWSLETTER SENT BY E-MAIL AND AVAILABLE ON OUR WEB SITE.**

