



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

April 2013

Volume 50

THIS MONTH'S HEADLINES

The Tustin Blimp Hangar project makes progress. HSS will conduct a flying demonstration in the hangar on April 15 at a meeting open to large public attendance. HSS members all invited. See Page 12.

Plane Rap Index

Check out the following articles:

- Minutes for Mar 5 General Meeting. P.2.
- Minutes of Mar 15 Exec Meeting. P.3-5.
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Coming Events and Soaring Competitions March - May 2013

- Tuesday April 2. HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. General meeting, 7 PM. Exec meeting, 6:00. See P.12.
- Sat-Sun 13-14 Apr. OC Youth Festival. See P.10.
- Monday April 15. Public Meeting at Tustin Hangar, and indoor flying exhibition.
- Sunday April 21. Fourth 2013 SC2 soaring competition. Hosted by TPG. See notes on P.10, or web site <http://site.sc2soaring.com>.
- Fri-Sun Apr 26-28. Int. H/L Glider Festival P.14.
- Tuesday May 7. HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. General meeting, 7 PM. Exec meeting, 6:00. See P.12.
- Sunday May 19. Fifth 2013 SC2 soaring competition. Hosted by TOSS. See notes on P.6, or web site <http://site.sc2soaring.com>.
- Sat-Sun June 1-2. RCX Exposition. Long Beach Convention Center. See P.8.



General Meeting Minutes for 5 March, 2013

- I. **Business session:** None.
- II. **General session:** called to order at 7:10 by President Walt Cloer. These folks attended: Vice President Jesse Calleros, Treasurer Dennis Anderson, Secretary Ted Broberg; Randy Wilbur, Joni Whitsitt, Mike Fox, Ross Thomas, David Whittington, Jeff Greene, Gary Gough, Jim Hanson, John Anderson, Bob Voss, William Vincent II, Ken Downs, Dick Odle, John Krug, Rob Askegaard, Robert McVicker, Robert Zehr, and Jim Sonnenmeier.
- A. Condition of the field, and what to do about it. Some want to spray the weeds, some do not. Walt wants to drag it, rather than use chemicals. Jim Hanson favored spraying it. Discussion. Voice vote indicated a desire to spray.
- Dick Odle suggested that we get a copy of the information on the safety of the spray that was used. He'll contact the city or the contractor. Several members offered to make donations to cover the cost, as Jim Ward has done in the past. John Anderson recommends that we contact city to determine what they favor. Consensus: Spray this time, If Dick gets approval from the city, and also have workdays to clear the rocks and redo the chalk lines.
- B. Monthly club meeting place idea: Shall we move to WOODY'S on Adams at Brookhurst? Jesse feels it was too noisy for business meetings. Jim H. commented "How is it during the week, not at a holiday time?": John A.: "Motion: Have a meeting at the field": Seconded,; Passed. Date to be decided.
- C. Next meeting will feature Gary Fogel , Scale Squadron, fighter pilot, will drive from San Diego. Shall we have his talk on a Saturday? Jesse will arrange. WATCH FOR POSSIBLE MEETING PLACE CHANGE.
- D. City Council meeting and Parks Commission: meeting this month, March 27th. We should have lots of members there to support our request to renew the Use Permit.
- E. Jim Hanson: Roger MacGregor (of MacGregor Yachts) has a meeting room at his facility in Costa Mesa. Jim will contact him to arrange this as a possible alternative meeting location.
- F. John Anderson: the City wants to re-activate the Fairview Park Advisory Committee, and we should look into getting one of our members to serve on this. He also suggested getting the Recreation Department involved in the Science, Technology, Education and Math program (STEM). The Recreation Dept. representative keeps asking John, "What are you going to do for us?" There are plans for STEM and STEAM to work with high school students. John Krug mentioned that he's been working for the past two years with High School students, developing cars that get fantastic mileage. Target is 1,000 mpg.
- G. Joni Whitsitt: You need to have more involvement in the community, promoting the Club, with the publicity. See the flyer in this month's (March 2013) Plane Rap, from Fred Hesse. He wrote an excellent plan for our involvement in the Costa Mesa FISH FRY on May 31, and June 1 and 2. "You have to promote the club, or it will die." (Joni has been working with several model clubs for years, keeping things going for them). Joni says the Youth Festival is also coming. Orange County Education Department is in charge. She wants workers from HSS to work this event. April 13-14, 2013. Sign up. (Many signed up tonight). Her contact information: Joni Whitsitt, 714-396-2523; whitsittjo@gmail.com .
- H. John Anderson: He's teaching aviation at Sea Base, and Irvine, Whittier, Davis, Fullerton, Whittier schools. He showed several paper planes he has worked up, and told how he uses them with young people he is teaching about principles of flight. He showed a flying Boeing 747 paper model, described its size, weight, speed, carrying capacity, and then showed a simpler plane, with its size, weight, etc., emphasizing the differences. Then he showed how the two are alike. Here's a quote: "They obviously are very different in size, shape, and performance; but they are actually very similar in basic aerodynamics including forces such as lift, thrust, drag, gravity...as well design factors such as incidence angles, centers of balance and lift and control of roll (ailerons), pitch (elevators), yaw (rudder) and glide speed (via flaps)."
- I. Thanks to John Rittenhouse, for his in-depth research on the matter of the Blimp Hangar, and his efforts to propose the hangar to the National Aeromodeling Heritage Program as an Historical Site.



General Meeting Minutes for 5 March, 2013 (Continued)

III. Show and Tell:

1. Jim Sonnenmeier: MIRAGE, late 1970's; This is the design of the first plane that won the 1979 First hand-launch contest. 38 ounces, wing loading only 5.5 ounces per square foot. Designed by Blaine Rawdon. Jim winch-launched this one Saturday, and it flew 20 minutes on its first launch. -- A very gentle launch! (Dick Odle flew that 1979 event, placing fourth!) Jim's is made from a HIGH LINE kit.
2. Ted B. showed further progress on his 30.5" Republic P-47 THUNDERBOLT model, from a Guillow rubber-powered kit. It has an E-flite 400 brushless outrunner, 740 kV; 3s 800 mAh Thunderpower battery, 36 Amp speed control (smaller later; it's what I had on hand.), 3 blade 9" prop. Motor likes 7 Amps continuous, 10 Amps max burst (15 seconds). Covering is white Park Lite from Hangar 9. Camo paint scheme probable. Steerable tail wheel added. Weight is 16 oz., flight-ready. We'll try to drop an ounce or two this week.

IV. Raffle: Donations of planes, parts, and other things: Prize:(donors name), WINNER'S NAME

1. 3-meter GNOME project plane: (left in the container; Karl Hawley, Bob Bob Sliff): JEFF GREENE.
2. Folding prop: (Don Ramsay): KEN DOWNS
3. Volume I, Marshall Cavendish: Encyclopedia of WORLD WAR II: (Ted Broberg's late father-in-law): won by JOHN KRUG
4. Free, first come, first served: AMERICAN RIFLEMAN magazines.
5. Electric props; (Randy Wilbur): SID HOOD, MIKE FOX
6. Primer bottle, for Nitro fueling: (Randy Wilbur): ?

Meeting adjourned at 9 p.m. Respectfully submitted, Ted Broberg, Secretary for HSS

Executive Meeting 15 March 2013

Business Meeting, held at CCS. Called to order at 2:15 p.m. by Vice President Jesse Calleros. Also in attendance: General Director Henry Smith III, Newsletter Editor Fred Hesse, Dick Odle, Henry Smith 4, John Anderson, and Secretary Ted Broberg. The following topics were considered.

1. The club needs to consider some annual events. A FUN FLY was suggested. The committee agreed to plan this for September or October this year. See following article on National Model Aviation Day.
2. Someone needs to take over the club archives. The club by-laws defines this task as part of the Secretary's responsibilities. Henry Smith III has been storing the archives, but will transfer them to Ted Broberg. Ted will inventory the archives, some of which can be used as meeting entertainment.
3. The weed control problem has been resolved. On 14 March, Dick Odle met with Robert Ryan (the city approved weed spraying contractor) and Dick directed the spraying operation. Dick showed a copy of the letter of appreciation he had composed to Robert Staples and Robert Ryan and his crew for the weed control effort. There have been several contributions to help cover the \$325 cost of spraying. Fred Hesse will include an appeal for additional funds in the April newsletter.
4. A field maintenance work day was discussed. Either members go out and pick up rocks, or we have it done. Troy Davis offered to use his power equipment to tamp the runway, or Bruce Ellyson may have a relative who can roll the field. Henry suggests that we wait until the weeds have died back; then, work the field with shovels and rakes, and perhaps a roller. We should post FIELD CLOSED FROM (start time to finish time) FOR MAINTENANCE, a few days earlier.
5. HSS had promised Robert Staples that we would do a Fairview Park clean-up as a community service project. Dick suggests that we do it before the March 27 Park Commission meeting. The park clean-up



Executive Meeting 15 March 2013 (Continued)

is now scheduled for Saturday 23 March from 9 AM to noon. Fred will write up an announcement, and Dick will do a "blast" to notify all current and immediate past members. Ted will post some posters when they come out, at both north and south entrances. Dick will send an FYI to Robert Staples, for a heads-up. Fred suggests that Robert Knapp be informed as well. He's the Recreation Manager, Public Services Department, City of Costa Mesa.

6. Dick Odle mentioned that he has given John Anderson the name of Bob Liebeck, professor at UCI and MIT, Boeing Senior Fellow and Blended Wing Body program manager at Boeing. Dick has asked Bob to write a letter in support of our flying permit at Fairview Park where Bob's students test fly their aircraft. Dick feels that Bob Liebeck can help us with keeping the Use Permit for the field.
7. Fred has produced a PLAN for the May 31-June 2 Costa Mesa Fish Fry. This was submitted to Robert Knapp. Robert replied that flying will not be allowed. Henry has volunteered to have a face to face meeting with Robert to discuss the non-flying issue. As noted in the plan, a cross country run is planned for Sunday June 2nd. We must not fly if it interferes. The static display will include planes; a model flight simulator (Ted's "Flier on a Wire" electric RC model).; possibly Walt's B-17; and others, as we hear what our display area is to be. We had planned glider winch launch and thermal soaring demos; helicopters; fixed-wing stunt flying, discus launched gliders, glider aero-tow and free flying lessons. These events appear to be cancelled by the city.
8. Joni Whitsitt needs our help with the Orange County Youth Expo, to be held at the Orange County Fairgrounds on April 14-15. She'll be at our April 2 meeting, to get us signed up. She already has two gliders for display.
9. Field rules have been printed and sealed in vinyl. The rules are ready to be mounted on a metal backing plate, using a good adhesive. Dick suggests 3M 465 two-sided tape, a really tough industrial-strength adhesive. The new sign will then be posted.
10. Jesse would like the club to get a projector that will show DVD, VHS, and computer-driven presentations. He has surveyed Fry's, which has products from about \$300 to \$1,000. He will research and make suggestions. Club archives have a number of excellent CDs and VHS tapes that would be valuable for future meetings. This kind of expenditure will require club member approval.
11. April 2nd meeting: Guest Speaker Gary Fogel. Google says, "Gary Fogel is an aviation historian who has written extensively on the history of gliding in San Diego. Gary will be speaking about his new book Quest for Flight. John J. Montgomery and the Dawn of Aviation in the West...." See email blast, coming soon. Other clubs have been invited to come, so we'll need extra chairs from our homes to provide seating for our guests. He has books on History of Flight, which Barnes and Noble can get for us. Jesse can get them, if we pre-order. Let Jesse know how many to buy. Fred will put it in an email blast, and Dick will send it out.
12. We have a shortage of raffle prizes: Let's contact local hobby stores about prizes. Jesse has made some contacts, and will follow up. Other clubs have been doing this for quite a while.
13. The Costa Mesa Parks Commission meeting is on Wednesday March 27 at 6:00 p.m., City Hall chambers auditorium. We need LOTS of members to be there to show support for our goal of obtaining a 5 year use permit for our field. A reminder notice will be sent to everyone about the 21st of April. Dress appropriately.
14. John Anderson presented two memos regarding the meeting of the Parks Commission on March 27th. He lists many of the activities HSS has been involved in, as well as other connections we are tied to, with a hope that it leads the Commission to grant us a five-year renewal of the Use Permit. He'll prepare a letter to be presented at that meeting.
15. Jesse Calleros and Henry Smith suggested setting up a scholarship fund for some Costa Mesa high school student with an interest in aeronautical engineering. This could be associated with the AMA scholarship fund.



Executive Meeting 15 March 2013 (Continued)

16. John A. brought up the idea that perhaps we could approach Estancia High School about using their gymnasium for indoor flying.
17. Tustin Blimp Hangar: Orange County Parks Department has scheduled the next quarterly meeting concerning the Tustin Blimp Hangar for Friday March 22, from 9 a.m. to noon. (location to be determined). Director Mark Denny will provide the latest status of the project. Henry Smith 3, Warren Fox, Fred H., John R., Jesse C., and Henry 4 will represent us.
18. The City of Costa Mesa is re-opening the Fairview Parks Master Plan Advisory Committee. There is a possibility that John Anderson will represent us at that group.

Meeting adjourned at 4:15 p.m. Respectfully submitted, Ted Broberg, Secretary for HSS

You May Help With Field Improvements

Dick Odle (assisted by Ted Broberg and others) marked the runway boundaries then met with Robert Ryan, the City approved weed eradicator, and ensured that the weed spraying crew did their job. Dick then composed the following thank you letter:

Date: Thursday, March 14, 2013, 5:08 PM

Robert:

Please be advised that Aaron arrived on time, was very cooperative and did, in my view, a thorough job spraying the area we desired.

On behalf of the Harbor Soaring Society please accept my thanks to you and your crew for a job well done.

Best regards, Dick Odle

This task is part of our regular springtime field maintenance, but the cost is \$325. To help defray that club expense, we are encouraging members (and non-members who use the field) to contribute \$10, \$20 or more to the Field Maintenance Fund. We already have a number of donations, but not nearly enough. Please help.

Celebrate the First Annual National Model Aviation Day

This article was distributed in the AMA's electronic newsletter. It is a great idea for a club activity. We could plan an air show with content similar to what was proposed for the Fairview Park Fish Fry.

To celebrate the storied history of model aviation, AMA chartered clubs are encouraged to take part in the first annual National Model Aviation Day on August 17, 2013. National Model Aviation Day will be a great opportunity to introduce model aviation to your friends and families. For this inaugural year, we're asking that clubs who host an event do so in support of the [Wounded Warrior Project](#). Wounded Warrior's mission is to raise awareness and enlist the public's aid for the needs of injured members of the US Military and to provide programs and services to help support our country's injured heroes. More detail will soon be released on the AMA website, in *Model Aviation* magazine, and in future issues of AMA Today.



Report on Fairview Park Cleanup Day

HSS conducted another community service project for the City of Costa Mesa with spectacular member support. The task was to pick up papers and trash all over Fairview Park, Saturday March 23. Your editor and our executive committee officers were overwhelmed and impressed with the enthusiasm of our members. Shown below are our hardworking group of about 30 helpers, members and non-members alike, standing behind the bags of trash they collected. Many thanks for all of your hard work, and we hope the club-sponsored free donuts and coffee was a token of appreciation. This effort did not go unnoticed, as we received a visit from Robert Knapp who is Recreational Manager for the Public Services Department. He was pleasantly impressed. Thanks again, guys.



Blimp Hangar Nomination

John Rittenhouse has taken it upon himself to prepare the Historic Site Nominating Form for the AMA National Aeromodeling Heritage Program. He has prepared the 22 page application with some assistance from Gary Fogel. The completed form may be seen on our web site www.1hss.org in the documents section of the page titled Blimp Hangar. The selection by the AMA will lend importance to our goals of obtaining future access to this remarkable structure for indoor flying. The following message was prepared by John, as a cover letter for his application. Really a monumental effort! Thanks John. - Ed.

The members of the Harbor Soaring Society (AMA's oldest Radio Controlled Soaring Club) hereby nominate the MCAS Tustin, "North hangar" for consideration as an AMA designated "Historical Site". Please find attached "Tustin MCAS Nominating Form".

Throughout the past half century, this superlative facility is... and has been... the premier site for indoor model aircraft flight. MCAS Tustin, has been the setting for numerous world endurance records since the early Fifty's, thru the "Golden Era", and as recently as 2011. No other facility in the world of indoor flight has hosted the efforts, of more AMA "Hall of Fame" designees, than has MCAS Tustin, AKA "Santa Ana Hangar".

It is our belief that MCAS Tustin exceeds all nominating criteria as set forth in your nominating requirements, and is singularly qualified of your serious consideration.

Best regards, John Rittenhouse

For Harbor Soaring Society



NAA Record for F3 R/C glider class 158 "Distance to Goal and Return" Record Set

From the AMA web site www.modelaircraft.org March 20 2013.

Congratulations to John Ellias and Dean Gradwell, who were awarded NAA records at the Collier Awards Luncheon on March 12, 2013. They were awarded for simultaneously setting a new NAA record for F3 R/C glider class 158 "Distance to Goal and Return" in California Valley, California.

The two gentlemen from California flew their MXC gliders to a goal of 57km on the same day, same time, and in the same place, keeping each other in sight for the entire flight. Their goal of sharing the record was achieved. The record flight requires a launch from a specific point with a 300 meter winch line, fly cross country to the declared turn point, and then return and land at the original launch point. This flight required the pilots to fly the aircraft cross country from a moving vehicle.

The previous record was held by Gary B. Fogel (USA) at a distance of 39.1km set in 2005.

Secrets of Thermal Soaring - The Nine Buck Download From Radio Carbon Art!

The following was passed to us by Jim Sonnenmeier. Hurry, the opportunity is time limited.

You can now purchase and download the world's most popular video soaring training program, the Secrets of Thermal Soaring for only \$9.95 until March 1st.

Here is the web page link for the download: <http://www.radiocarbonart.com/secretsdd.html>

This 56 minute high quality program will teach you the basic knowledge you'll need to find and catch thermals with any glider or sailplane.

The DVD price is \$24.95, so the \$9.95 special download price is really a great deal for this highly educational program and you don't have to pay shipping or tax either!

The high quality download files are Digital Rights Management Free, and are in the universal non-flash .mp4 video format which will play on any device that can play video files. The high quality version (730 mb) is a full 768 x 576 resolution with stereo sound and the smaller version (395mb) is 480 x 320 in stereo.

How do I download my copy? Just go to the webpage for the Secrets of Thermal Soaring Download Edition, add it to your cart, check out with your credit card or Paypal, and within 12 hours (most times much faster) you will receive your special download link to get your video files. Easy!

Here is the web page link for the download: <http://www.radiocarbonart.com/secretsdd.html> .

This special price on the download ends March 1st 2013. PM me if you have any questions. Topics Covered In The Secrets Of Thermal Soaring:

- Micrometeorology • Convection & Lapse Rates • Thermal Shapes • Thermal Visualizations • Wind Shift Thermal Locating • Thermal Search Patterns • Ground Signs • Bank Angles & Circling Technique • Wind and Thermal Patterns.

For those who fly sailplanes, electric gliders, or Free Flight models, the Secrets of Thermal Soaring training program is the fastest and most complete way to learn about finding thermal lift.

If you don't learn 10 bucks worth of soaring knowledge from this program, call or e-mail us for a refund.

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 . Why not consider helping your district with its website.



Success For Our HSS Competition Glider Pilots

Jim Sonnenmeier reports that HSS glider pilots are getting great results in the first two Southern California Soaring Clubs (SC_2) competitions.

The first event was on January 20, at the Soaring Union of Los Angeles (SULA) Field of Dreams site. Erv Szego won first place in Sportsman class, Jim Sonnenmeier got third in Altitude Limited Electric Soaring (ALES), Tom Sherwood picked up fifth place in Sportsman, Bruce Schaeffer took seventh, and Ross Thomas eighth in Rudder, Elevator, Spoiler (RES) class.

On February 17, the second event was held at Silent Wings Soaring Association (SWSA) Fish Canyon flying field. Tom Sherwood took first, with Bruce Schaeffer second in the two meter class, while Erv Szego took second, Tom Sherwood third, and Todd McAndrews sixth, all in Sportsman class. Chris Adamczyk picked up fourteenth in the really tough Expert class.

Let's hope they continue their winning ways for the whole year, allowing them to compete for the season championship. Congratulations to all of our HSS club members.

At right is Tom Sherwood and Erv Szego happily checking out their awards.



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

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

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 and update your personal information. It is important for all of us to actively support the AMA especially in this endeavor.



Flight Instruction

One of our flight instructors, Bruce Schaefer, works with a pretty young student below, and to the left..

Bruce is not new to teaching, as he has retired as a teacher a number of years ago.

We are glad to see Bruce as an addition to our flight instructor staff, who is also joined by John Krug.

Thanks for helping the club grow.



Our busiest flight instructor, Ted Broberg sends this photo at right of one of his latest students, Lee Galvin.

Lee is holding a foam Superfly that was donated by Hobby People at the Club Night event held last year. The plane has seen a lot of usage, but Ted keeps it flying with replacement wings at one point and a replacement fuselage later on. He still insists it is the original plane.

Keep up the great flight instruction Ted, and thanks for the photo.



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

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

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

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

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	July 21, 2013 Hosted by HSS at SWSA
February 17, 2013 Hosted by SWSA	August 18, 2013 Hosted by ISS
March 17, 2013 Hosted by VVRC	September 15, 2013 Hosted by VVRC
April 21, 2013 Hosted by TPG	October 27, 2013 Hosted by DSH at TPG
May 19, 2013 Hosted by TOSS	November 17, 2013 Rain Date
June 15-16, 2013 Hosted by SULA (2-day MOM)	Dec. 2013 Toys for Tots Hosted by SULA & DSH

SWSA - Silent Wings Soaring Association - West Covina – www.silent-wings.org

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

ISS - Inland Soaring Society - Riverside – www.glideiss.us

TPG - Torrey Pines Gulls - Torrey Pines, San Diego – www.torreypinesgulls.org

TOSS - Thousand Oaks Soaring Society - Thousand Oaks – www.toss.freesevers.com

SULA - Soaring Union of Los Angeles - San Pedro – www.sulaclub.org

HSS – Harbor Soaring Society – Cost Mesa – 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.

Orange County Youth Festival, April 13-14

Once again Joni Whitsitt is managing a booth at the Orange County Youth Festival held at the Orange County Fairgrounds, on Saturday and Sunday, April 13-14. HSS volunteers are needed to man the booth to demonstrate the flight simulator and talk about aircraft on display. These are 4 hour shifts, and are a lot of fun meeting visitors and advancing model aviation. Contact Joni at wwwjo@socal.rr.com if you wish to help. This type of public service is part of what keeps us as a Gold Leader Club.



Plane of the Month

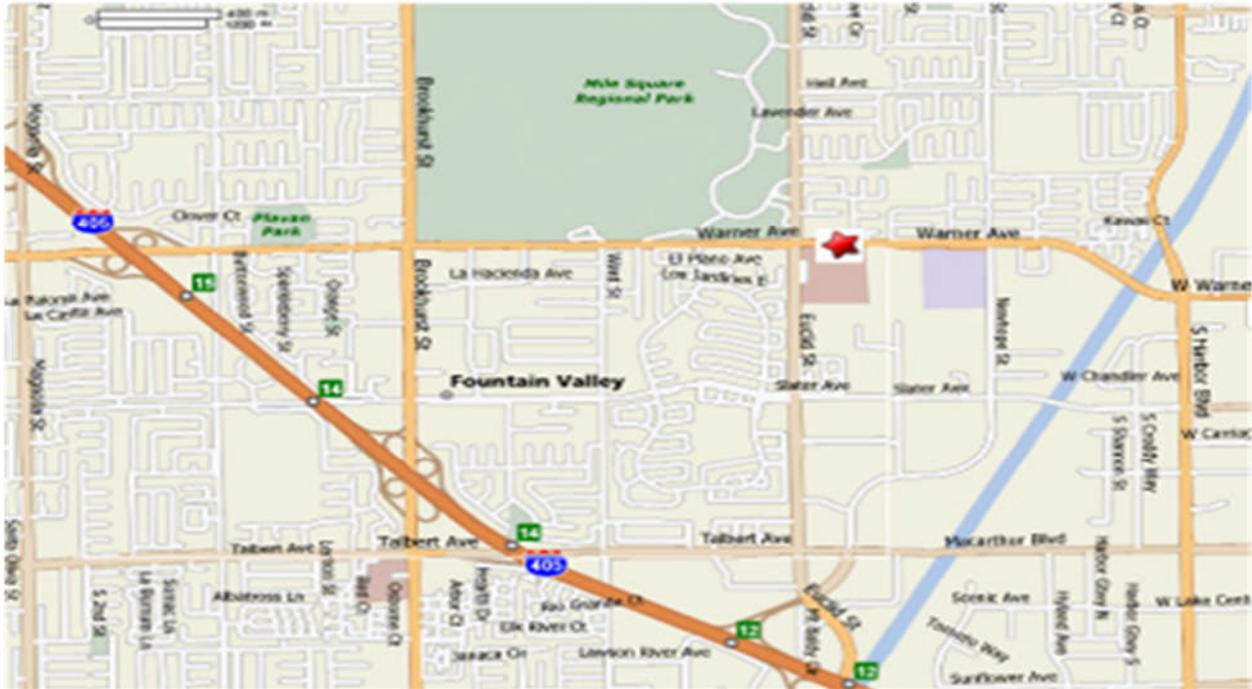
Our featured model of the month is Michael Fetyko's beautiful Curtiss JN-4 Jenny. This is custom scratch built with incredible detail. The span is 105" , and it flies as good as it looks.

The photos are by Rob Askegaard who just falls in love with beautiful planes like this. Thanks, Rob.



General Meeting Announcement For April 2nd, 2013

We are returning to our regular schedule with the next meeting on the first Tuesday April 2nd 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. **Jesse Calleros has made special arrangements for Dr. Gary Fogel to come up from San Diego to give his presentation on John J. Montgomery and his contributions to the dawn of aviation in the west. This lecture is focused upon the book that Gary has written called Quest For Flight. We expect this to be a really great presentation, which will occupy nearly our entire meeting time.** Bring your wife, family, friends, etc. There will not be a raffle. 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. 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, 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 page 10 of this newsletter.

Public Meeting and Flying Demonstration at Tustin Blimp Hangar

The blimp hangar action committee met Friday March 22 with the Orange County Parks Department. The following points were made:

1. The construction and landscaping companies are now under contract.
2. There will be a meeting at the hangar in which initial plans will be revealed to the public, on April 15. HSS will put on a flying demonstration. Further details will be E-mailed to all members.



Seen Around the Field

Rob Askegaard's member photos. Thanks Rob. - Ed.



Phil Bland's Curtis P-6E Hawk.



Jack Alger and his DeHavilland Beaver by E-Flite.



John Bradford and his foam scale P-51.



Dan Spurr and his FPV rig with Head Up Display, GPS, and more.



Ken Blasius Comet (near) and Rob Askegaard's old plane. Troy Davis' Fokker D-VII by Hangar 9. 65" span.



International Hand Launched Glider Festival – April 26 - 28

The following was copied from the March 2013 Torrey Pines Gulls newsletter titled “Gulls Wings” edited by Cliff Hunter. The article was written by Mike Smith.

The International Hand Launch Glider Festival is the Torrey Pines Gulls premier event. We have been hosting this prestigious contest for 19 years, and as the art work above states, this year it will be 20 years old! April 26-28th 3 days of fun in the sun! This event has by all rights been a pioneer of Hand Launch (now Discus Launch) Glider competition in the US, and the World. Much of the experience pilots had with the tasks that were flown here over the years have influenced and shaped the current set of FAI F3K rules for hand launch gliders. Today, the IHLGF incorporates the tasks of the current F3K rules, and most of the current operational rules as well. But we still are one of the lone holdouts on one big rule. At the IHLGF this year, all preliminary scores carry through to the final fly offs, and the winner is the pilot with the highest combined score. We do not start the scores from zero at the fly offs for the top ten as specified in the F3K rules. This awards consistency and down plays the luck factor. Crazy things can still happen in the fly offs, and someone that qualifies in 6th can and has won the contest. Fun stuff.

Registration is open, so please go to www.ihlgf.com and register yourself for 3 days of premier DLG competition at the Poway Flight Center. You will have fun guaranteed. Also, don't forget the Mexican food dinner Friday night as well as Pizza at the field on Saturday night. There will also be beer steins available for purchase on the website (link above) that will do triple duty serving as a very useful memento of the event, providing a nice donation to the US F3K team, as well as having the added benefit of free libation from one of the on-site hosted beverage tables that are planned for the event. This is not one to miss. Please stay tuned to the TPG email group for announcements for volunteers to help preparations for the event, and help during and after the event. Please contact myself, David Klein, or Marty Dine if you'd like to make yourself available to help out.

Thank you in advance. See you there.

Mike Smith

In case you were wondering what the tasks will be this year, take a look. This is what will be flown and in the exact order shown:

20th Annual IHLGF Task list for 3 days, up to 16 rounds with 4 Fly off rounds, and only two total drop rounds (not following f3k rules here).

Friday, April 26th:

- Round 1. Task D (Increasing time by 15 seconds-Ladder)
- Round 2. Task G (Five longest flights, 2 minute max.)
- Round 3. Task F (3 out of 6, 3 minute max.)
- Round 4. Task H (One, two, three and four minute flights, any order)
- Round 5. Task E (Poker – variable target time)

Saturday, April 27th:

- Round 6. Task B (Next to last and last flight, 4 minute max.) –could shift to Friday
- Round 7. Task I (Three longest flights, 3:20 max.)
- Round 8. Task C (All up, last down, 3 flights, 3 minute max.)
- Round 9. Task J (Three last flights, 3 minute max.)
- Round 10. Task A (Last flight, 5 minute max):

Sunday, April 28th:

- Round 11. Task H (One, two, three and four minute flights, any order) – could shift to Saturday
- Round 12. Task F (3 out of 6, 3 minute max.): - could shift to Saturday
- Round 13. Task C (All up, last down, 3 flights, 3 minute max.):
- Provisional Round 14. Task G (Five longest flights, 2 minute max.)
- Provisional Round 15. Task B (Next to last and last flight, 4 minute max.)
- Provisional Round 16. Task D (Increasing time by 15 seconds):



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

7TH 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.

<p>"Attention Pilots!"</p> <ul style="list-style-type: none"> ■ 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: <ul style="list-style-type: none"> ★ 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. 	<p>Schedule:</p> <p>Friday: Registration starts at noon. Open flying with PVMAC club members.</p> <p>Saturday: Registration starts at 7:30 a.m.. Pilots' meeting at 8:30. Noon-time demonstrations.</p> <p>Saturday Night: Pilot's banquet—only \$20.00 per person for food, fun, and song! And the FAMOUS Squadron Hobby Auction!</p> <p>Sunday: Flying starts at 8 a.m.. Awards at 10 a.m.. Event flying until 2 p.m..</p>	<p>Food will be available on site for purchase</p> <p>Details & Registration: scalesquadron.com</p> <p>Director: Randy Wilbur (949) 683-9662 events@ScaleSquadron.com</p> <p>SPONSORS: Hobby People, Airtronics, Horizon, Zap, Great Planes, Goodwine Glass, Gyro Hobbies</p>
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Corona RC Club Fun Fly and Swap Meet – 27 April 2013

Our club would appreciate it if you would please announce to your club members that the Corona RC Club is having their annual **FUN FLY and SWAP MEET** on Saturday, April 27th.

The Gates open at 6:30AM, and Flying Starts at 8AM.

There will be Open Flying - Food Concession - Raffle - Flying Events.

\$15 Landing Fee (includes \$5 Lunch Ticket)

\$10 Swap Meet Fee

\$20 Combo Landing Fee and Swap Meet Fee (best deal!)

Swap meet will be located in the east end of the parking area in a dedicated area. Stalls will be marked. Vendors to bring their own tables, canopies, etc.

Please visit our website for updates, details and additional information prior to the event. <http://www.coronarclub.com/> Ed Bialon - Publicity T. (951) 277-4846 C. (951) 733-4447

CORONA RC CLUB

JOIN US FOR THE
CORONA RC CLUB
ANNUAL

Flying Starts at
8AM
Gates Open at 6:30AM

FUN FLY
AND SWAP MEET

-OPEN FLYING
-FOOD
-RAFFLE
-FLYING EVENTS

\$15 LANDING FEE (INCLUDES LUNCH)
\$10 SWAP MEET FEE
\$20 LANDING/SWAP MEET COMBO
OPEN FLYING SITE
ALL PLANES WELCOME
TURBINES WITH WAIVER INCLUDED!

Saturday April **27**

WWW.CORONARCCLUB.COM



Plane Rap Classified Ads and Services - For Sale

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

Super Stearman for sale by Michael Fetyko phone: 949-295-6607, email: mfetyko@yahoo.com

Can come with or without electronics.

\$1,100 Bind and fly

\$1,400 With Qty (2) 10s Lipos

\$350 Great Planes 1/5 scale Super Stearman

\$450 Neu Motor - 1515 2Y 1100 KV with 6.7:1 gearbox (Fin version)

\$150 Castle ESC - HV85

\$175 Polycon Lipo 10S 5000 mah 30C

\$100 (4) JR DS821 servos

\$75 Spektrum AR7000

\$50 Spectrum TM1000 Telemetry module with Heat and Volts



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 or email us at LaserCutting@gdhconsulting.ca.

Regards, Glen Harbottle President GDH Consulting Corp. Tel: 905-668-2326 glenh@gdhconsulting.ca

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All HSS Club members with proof of club membership, will get a 10% 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

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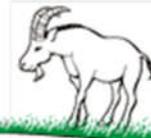
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HARBOR SOARING SOCIETY MEMBERSHIP APPLICATION FOR 2013

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



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Vice President	Jesse Calleros	714-543-0581	jesscall@sbcglobal.net
Treasurer	Dennis Anderson	714-531-1320	dba999@pacbell.net
Secretary	Ted Broberg	714-235-6430	tbroberg@earthlink.net
General Director	Henry Smith III	714-322-6537	henry.smith.3@earthlink.net
Contest Coordinator	Henry Smith III	714-322-6537	henry.smith.3@earthlink.net
Safety Officer	Dave Whittington	949-872-0182	pincus4iondave@yahoo.com
Editor	Fred Hesse	714-963-5838	fhesse@socal.rr.com
Publisher	Mike Gaczowski	949-582-9390	mgaczowski@cox.net
Club Photographer	Rob Askegaard	714-968-1973	rmaskegrd@gmail.com
Web Site Administrator	Henry Smith IV	714-865-9624	hank.4th@gmail.com
Assistant Web Admin.	Dick Odle	714-960-5161	thermals1@verizon.net
Flight Instructor	Ted Broberg	714-235-6430	tbroberg@earthlink.net

See our web site at 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 APRIL 2ND, 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. WE WILL HAVE A SPECIAL PRESENTATION BY DR. GARY FOGEL ON
AVIATION HISTORY. SEE DETAILS AND INSTRUCTIONS TO LOCATION ON PAGE 7.
SEE THE COLOR NEWSLETTER SENT BY E-MAIL AND AVAILABLE ON OUR WEB SITE.**

