



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

May 2013

Volume 50

THIS MONTH'S HEADLINES

Tustin Blimp Hangar Demonstration a great success. Over 80 enthusiasts from Southern California clubs participated. See P. 4 – 6.

Plane Rap Index

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- Tustin Hangar Workshop Report P.4-6.
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Coming Events and Soaring Competitions May - July 2013

- Tuesday May 7. HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. General meeting, 7 PM. Exec meeting, 6:00. See P.7.
- Sunday May 19. Fifth 2013 SC2 soaring competition. Hosted by TOSS. See notes on P.16, or web site <http://sc2soaring.com>.
- Sat-Sun June 1-2. RCX Exposition. Long Beach Convention Center. See P.14.
- Tuesday June 4. HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. General meeting, 7 PM. Exec meeting, 6:00. See P.7.
- Fri.-Sun. June 7-9. Scale Fly-In. PVMAC Prado Air Park, Chino. See details on P.19.
- Sunday June 15-16. Sixth 2013 SC2 soaring competition. Hosted by SULA. 2-day MOM. See notes on P.16, or web site <http://sc2soaring.com>.
- Tuesday July 2. HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. General meeting, 7 PM. Exec meeting, 6:00. See P.7.



General Meeting Minutes for 2 April, 2013

Business session: None.

General Session: Called to order at 7:10 by President Walt Cloer. Those in attendance included President Walt Cloer, Vice President Jesse Calleros, General Director Henry Smith III, Treasurer Dennis Anderson, Club Photographer Rob Askegaard, Newsletter Editor Fred Hesse, Henry Smith 4, Dick Odle, Joni Whitsitt, Randy Wilbur, Ken Downs, Sylvestra (Dave) Whittington, Ross Thomas, John Anderson, William Vincent II, Bob Voss, Bart Pembroke, "Taz" and Linda Ellyson, John Rittenhouse, Jeff Greene, John Krug, Mike Fox, Tom Sherwood, Sam Wright from Scale Squadron, and Secretary Ted Broberg. Our Special Guest Speaker was Dr. Gary B. Fogel, of Torrey Pines Gulls model club.

John Rittenhouse introduced the speaker for this evening, Dr. Gary Fogle. John pointed out that HSS is endeavoring to gain AMA support in our efforts to become a part of the TUSTIN LIGHTER-THAN-AIR BASE planning, and that Dr. Fogel has been very helpful in our efforts.

Dr. Fogel gave his presentation about his book, *QUEST FOR FLIGHT*, the story of John J. Montgomery, known as the first American to fly. Dr. Fogel became interested in Montgomery as he also lived in San Diego. Ten years ago, Dr. Fogel met the late Huell Hauser, who became interested in the little-known Montgomery, pioneer of manned flight, and began digging into the facts of his accomplishments. California has a great history in aviation, including Dr. Paul MacReady and Burt Rutan, who also had their start in flying through model airplanes. Dr. Fogel then gave a biography of the Montgomery family, from when John J. first came west to California. John's first "aviation" experiences were with twirling tops with props (basic helicopters) and kites. Next he saw a powered dirigible model, the first balloon of Patrick Marriott. He then went to Santa Clara College, schooled in physics, math, engineering, and astronomy. Due to his mother's poor health, his family moved from Oakland to the San Diego area, near the Mexican border. He persuaded his father to let him set up a laboratory, and through his experiments and papers became well-known in astronomy. He became fascinated with the California Pelicans, and how they could fly for miles -- without flapping! The mass of a flock of them was greater than that of a person, yet they were somehow lifted up! He then studied many types of bird wings and airfoils, and from that he began experimenting, trying to determine the aerodynamics of flight. From small model gliders, he moved on to full-sized gliders, starting with his *GULL*. It used parabolic airfoils, a la sea gulls, and no rudder or dihedral, but elevator control only! These were the first controlled flights in the western hemisphere, but he didn't know it. When most of the family moved to Washington, D.C., that left John and his brother to experiment with flight. This was around 1884. By 1885, he added dihedral and spring-loaded ailerons to self-correct wind gusts -- like gyros today. In 1885, he added rotatable wings ("wingerons"). Dr. Fogel's book *QUEST FOR FLIGHT* details many of the facts about John Montgomery. A 1946 movie, *Gallant Dream*, with John Ford as Montgomery, tells some of the story. This can be watched on http://www.youtube.com/watch?v=wE-2pviy_4Q. Dr. Fogel gave a very informative and interesting talk, followed by question-and-answer time. Be sure to see his book. Contact him at garyfogelauthor@gmail.com.

He then reminded us of the Torrey Pines Gulls event, the International Hand Launched Glider Festival, April 26-28, all invited. See April 2013 PLANE RAP for info.

The arrangements for having Dr. Fogel speak to our club were made by our Vice President Jesse Calleros. Jesse purchased nine hard bound copies of *Quest For Flight* for HSS members. These were graciously signed by Dr. Fogel at the conclusion of his lecture. Thanks for your effort, Jesse.

B. "Taz" told about a SUPERCUB that Ralph Chamberlin donated. He "won" it by passing his training requirements with Ted, and now is passing it back for another student pilot. Thanks, Taz -- and Ralph.

C. REMINDERS: These are coming events that HSS is helping with. Please see earlier PLANE RAP issue for details and contact information.

- Joni Whitsitt is organizing club support for the annual Orange County Youth Festival. She needs workers from HSS to work this event. April 14-15, 2013. Sign up. (Many signed up tonight). Her contact information is: Joni Whitsitt, 714-396-2523; whitsittjo@gmail.com.



General Meeting Minutes for 2 April, 2013 (Continued)

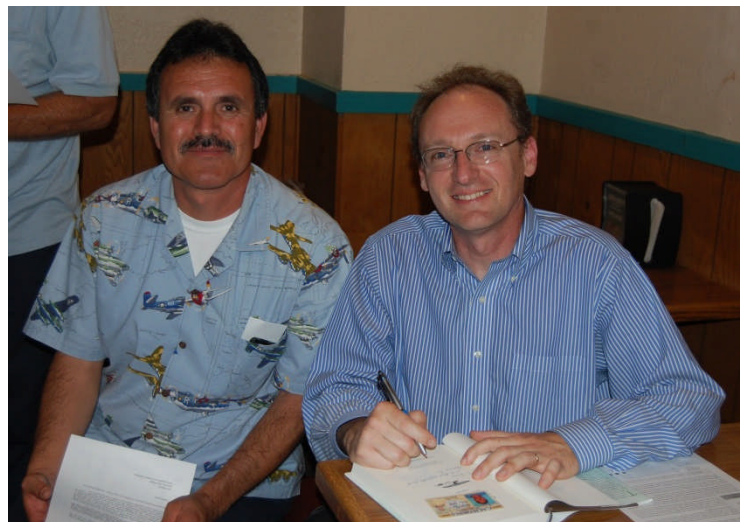
- Harbor Soaring Society is providing an indoor model flying demonstration as part of the Tustin Regional Park Public Workshop put on by the Orange County Parks Department. The demonstration will be from 5 to 6 PM on April 15, followed by a presentation of the initial park plans from 6 to 7 PM, then the public will be given the opportunity to express their desires for park features. Everyone is invited.
- John Anderson has made arrangements for a small group of members to attend the reunion of WW II veterans who had pre-flight training at the Santa Ana Army Air Base. HSS members will bring model aircraft for display. Walt Cloer will bring his big B-17, and Rob Askegaard will bring several scale models. This event will be on Saturday April 13, at the Orange Coast College facility. See the report and photos by Rob Askegaard elsewhere in this newsletter.

III. A raffle was held at the conclusion.: The following lists the prize, the donor's name, and the winner's name.

- SIGMA Charger: (HOBBY PEOPLE, FOUNTAIN VALLEY), Mike Fox.
- \$20 gift card: (HOBBY PEOPLE, FOUNTAIN VALLEY): John Rittenhouse.
- \$20 gift card: (HOBBY PEOPLE, FOUNTAIN VALLEY): Tom Sherwood.
- Set of plans: (MIKE FOX): Randy Wilbur.
- Box of balsa wood: (HENRY SMITH 4): Ted Broberg.

-- Meeting adjourned at 8:26 p.m. Respectfully submitted, Ted Broberg, Secretary for HSS

Rob Askegaard has provided these photos of the April 2 meeting presentation by Dr. Gary Fogel. At right are the members of the HSS Executive Committee surrounding Gary Fogel. Below is Gary holding a model of the 1885 John Montgomery tandem glider. Below right we have Vice President Jesse Calleros with Gary. Many thanks to Jesse for arranging such a great presentation for our meeting. Also, thanks to Rob Askegaard, our club photographer for these photos. – Ed.



Thank You Note to Dr. Gary Fogel

Following the fantastic presentation on John Montgomery and the Dawn of Aviation in the West, given by Gary Fogel at our last club meeting on April 2, John Rittenhouse wrote the following thank you message. Our Vice President Jesse Calleros arranged this excellent lecture, and was able to purchase 9 copies of Gary Fogel's book for members. Gary was kind enough to autograph each copy.

Hello Gary,

On behalf of myself and the Harbor Soaring Society... I/we, thank you for taking the time out your busy schedule to attend our April monthly meeting. Your lecture was most entertaining and informative. Afterward, many club members commented to the effect, that last night's meeting was the best... or one of the best, meetings HSS has held in a long time.

I hope, sometime in the future, that you can revisit us with another lecture... Perhaps the early days of model aviation in the Southern California area? To that point, I recall your mentioning Mark Smith and his early contributions to the development of RC sailplanes. (Please see my enclosed photos of my Marks Models "Windward". These photos were taken at the slopes located off the West end of our existing runway, at Fairview park, circa 1975... back in the good old days!) Thanks again for all your efforts on behalf of our beloved hobby!

Best regards, John Rittenhouse - Harbor Soaring Society

During the lecture, Gary mentioned that Hollywood had developed a movie based upon John Montgomery's life. This can be watched on http://www.youtube.com/watch?v=wE-2pviy_4Q.

Tustin Hangar Public Workshop – Monday April 15

The Orange County Parks Department is getting serious about planning for a new regional park built on the 85 acres surrounding the Tustin Blimp Hangar. Contracts have been let to LTA for construction and Hargreaves Associates for landscaping. These contractors have put together some preliminary concepts, and the Parks Department then opened these ideas to public comment. Thus on Monday evening April 15, the first public workshop was scheduled for the contractors to present their concepts, and the public to express their opinions. The county sent out invitations to the public, which brought between 400 and 500 interested residents. HSS was allowed to put on a demonstration of the types of indoor model aircraft that we wish to fly in the hangar. The demonstration was from 5 to 6 PM, followed by the contractor's presentation from 6 to 7 PM. At the conclusion, the public was allowed to express opinions both verbally and on a form. Our secretary Ted Broberg has provided the following.

They opened the street gate at a few minutes before 3:00, and let cars unload near the entrance, and then the cars had to be moved to a distant parking area. John A. had a bunch of his posters of ideas he's used at various schools with his youth aeronautics classes, and some of his unique gliders and powered bugs/bees/bats/superheroes. Henry 4 brought a VAPOR, and several of his tiny rubber-powered to electric R/C conversions. John H. flew a VAPOR and a few other things. Jim Sonnenmeier showed some of his indoor gliders and rubber-powered ships. I had my "Flier on a Wire" set up, and had a lot of folks have a hand on remote-control "flying." Lee Hines, the free-flight guy, took a turn on it, and he said it was the first time he even held a transmitter in his hand.

We had about 200 feet of floor length from the projector and screen to the green curtain for our planes/copters, and there was a lot of action, from electric U-control(!) to hand-launched free-flight, and helicopters, flying pizza boxes, and a canard plane that looked for all the world like someone launched it the "wrong-way." Larry Renger and Andy Borgogna of the Knights of the Round Circle demonstrated electric control line stunt planes, then offered free flying lessons to young enthusiasts. The U-control instructor stood behind the kids and helped them fly his control-line plane. Then he did a demo of loops, wing-overs, inverted flights. Impressive!



Tustin Hangar Public Workshop – Monday April 15 (Continued)

John Krug, Henry Smith IV, and Ted Broberg gave quite a few free R/C electric flying lessons to interested visitors. While we were doing our demos and just plain/plane flying, they showed a video on a huge screen, showing the history and construction of the hangars.

At 6:00, a series of speakers gave talks on the future of this as a regional park. OC Parks Department Director Mark Denny introduced Supervisors and other civic dignitaries. Then, the design team for the future facilities told what the next steps were. Everyone was urged to fill out a questionnaire, showing their priorities of features and uses they would like to have included in the park. At 7 PM, the public was invited to go to information areas and discuss the project at "meet the planners" tables.

Flying was stopped for the officials' talks, but we were able to get a little more time for brief flying and putting-away-stuff before 7:00 p.m.

The event was staffed with several Rangers and other personnel, all of whom were very helpful. There is no conventional electric power to the hangar, so they had generated juice for the projector and lights. That left those of us who wanted to recharge batteries a little short, as they needed the amps for the house lights and equipment.

I didn't go to any of the planning tables, as I had a lot to stow, so I don't know whether any of our members got to speak directly with the planning people. Lots of people from the neighborhood were there, and many folks turned in their survey forms. Some of the free-flight planes had great times aloft!

Ted Broberg - HSS Secretary

The event was covered by at least three photographers from the modeling fraternity. Rob Askegaard took several dozen photos, some of which appear here. Jim Sonnenmeier took about 70 photos which he posted at www.dropbox.com/sh/sob4122at03n41h/fCz8dJt3Zg?n=53548323 . Brian Furutani took about 50 pictures which he posted at <http://www.flickr.com/photos/44670670@N02/sets/72157633254561813/> . These photos may be copied, so be sure to give authorship credit.



A projection screen and chairs for 500 guests were set up by the Parks Department. Our flying area was behind the screen.



Mary Lou Calleros assisted in registering over 80 model enthusiasts.
Thanks Mary Lou.



Tustin Hangar Public Workshop – Monday April 15 (Continued)

Joni Whitsitt and Randy Wilbur have joined the audience of about 400 to watch the presentation of plans for the park.



Jim Sonnenmeier is shown with one of his film covered rubber powered endurance planes



Henry Smith IV giving lessons to one of the visiting children.



Three time champion Steve Brown demonstrated one of his 1 gm planes.



Tom Barnett brought a variety of scale models including a canard.



National team member Ken Bauer and Norm Furutani put catapult launched gliders up near the top of the hangar.

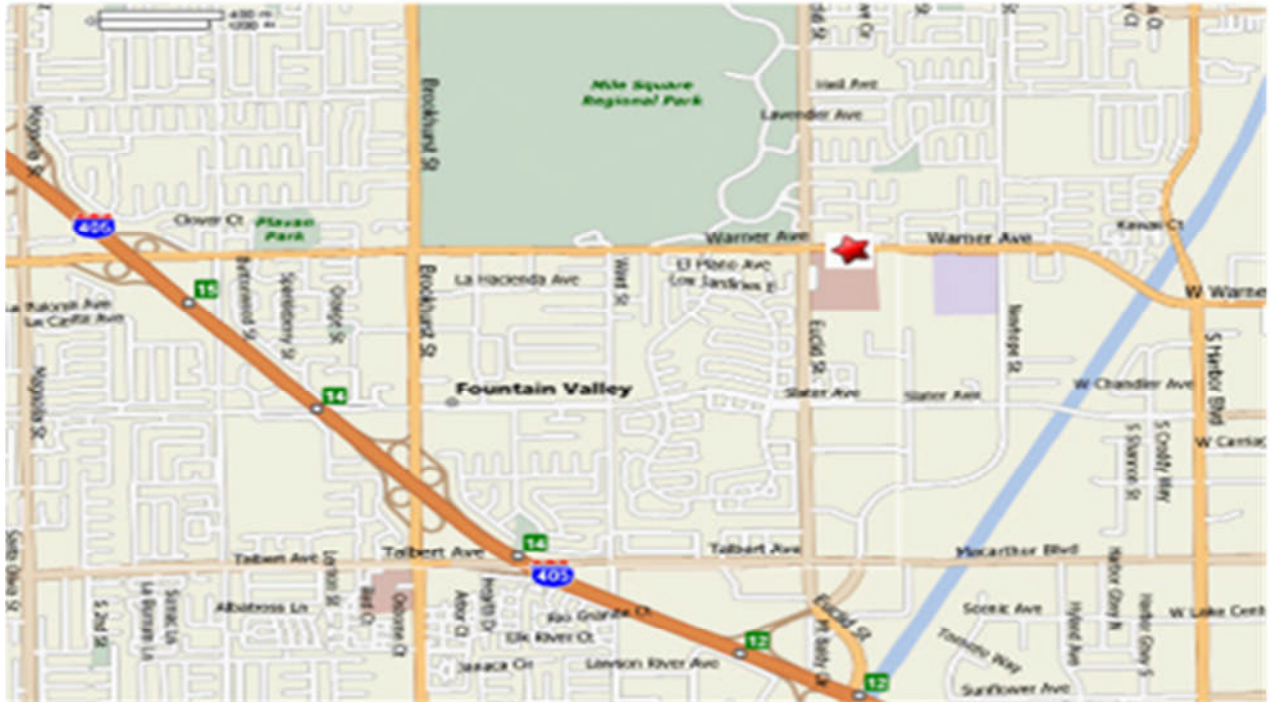


Members of the Knights of the Round Circle gave a number of free control line flying lessons.



General Meeting Announcement For May 7th, 2013

General meetings will maintain our regular schedule with the next meeting on the first Tuesday May 7th 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 is planning a presentation of photos taken at the OC Parks Department public workshop on April 15. Time will be allowed for show-and-tell of your favorite plane. Bring your wife, family, friends, etc. There will 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 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.

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](http://www.woundedwarriorproject.org). 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.



Community Service to the WW II Veterans

On Saturday, April 13, 2013 HSS participated in the reunion of WW II veterans who had pre-flight training at the Santa Ana Army Air Base at the location now occupied by Orange Coast College in Costa Mesa. HSS members brought RC models to put on display. Walt Cloer brought his huge B-17 and a large Corsair. Rob Askegaard brought his PT-19 and a P-51B that was borrowed from Denny Mallett - (thanks Denny). John Anderson also attended and was instrumental in getting HSS to participate. The vets enjoyed seeing the models of the planes that played a part in their military experience. There were several other display tables on hand with many pictures on display which showed the activities and personnel at the base during World War II. Several organizations were represented such as the Freedom Committee of Orange County.

An excellent lunch was served by the students of the flight attendant training program at OCC. The food was prepared by the culinary program at OCC. The Pledge of Allegiance was led by Jack Hammett, Ret US Navy Pearl Harbor Survivor, WW II and Korea. He is a member of the Freedom Committee and a living history speaker. Other acknowledgements were made then the main speaker was introduced - Jonna Doolittle Hoppes who is General Jimmy Doolittle's granddaughter. She is a speaker, educator and author. She gave a very educational history of the life and exploits of one of America's greatest heroes and leaders. She is very knowledgeable about aviation and aviation history. She has corrected several inaccuracies about WW II and the famous Doolittle Raid of April 18, 1942.

Group pictures were taken following the presentations.

A very satisfying time was experienced by all. - Rob Askegaard. - Editor's Note: Rob Askegaard took the photos and prepared this truly excellent write-up of the event. Thanks Rob.



HSS President Walt Cloer and his big beautiful B-17.



Speaker Jonna Doolittle Hoppes and veterans.



Rob Askegaard brought a P-51B (Courtesy of Denny Mallett) and his PT-19.



Community Service to the WW II Veterans (Continued)

The featured guests, all veterans of World War II, have assembled for a group photo.



In Rob's eyes, even though Jonna Doolittle Hoppes was great, the lunch was the high point of the event.

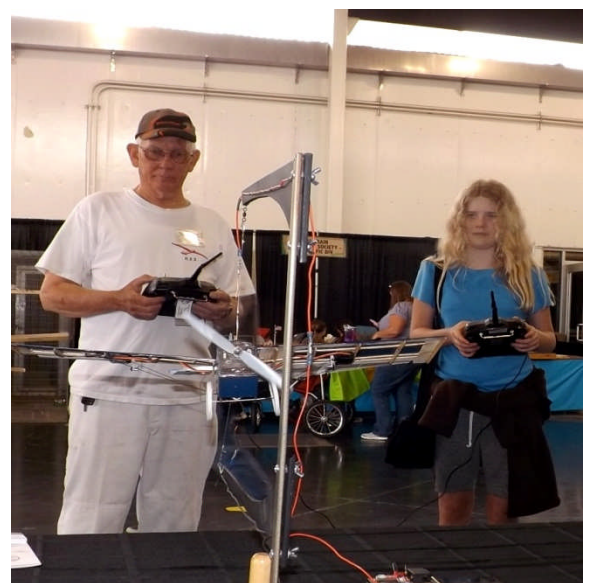
AMA District X Website

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.



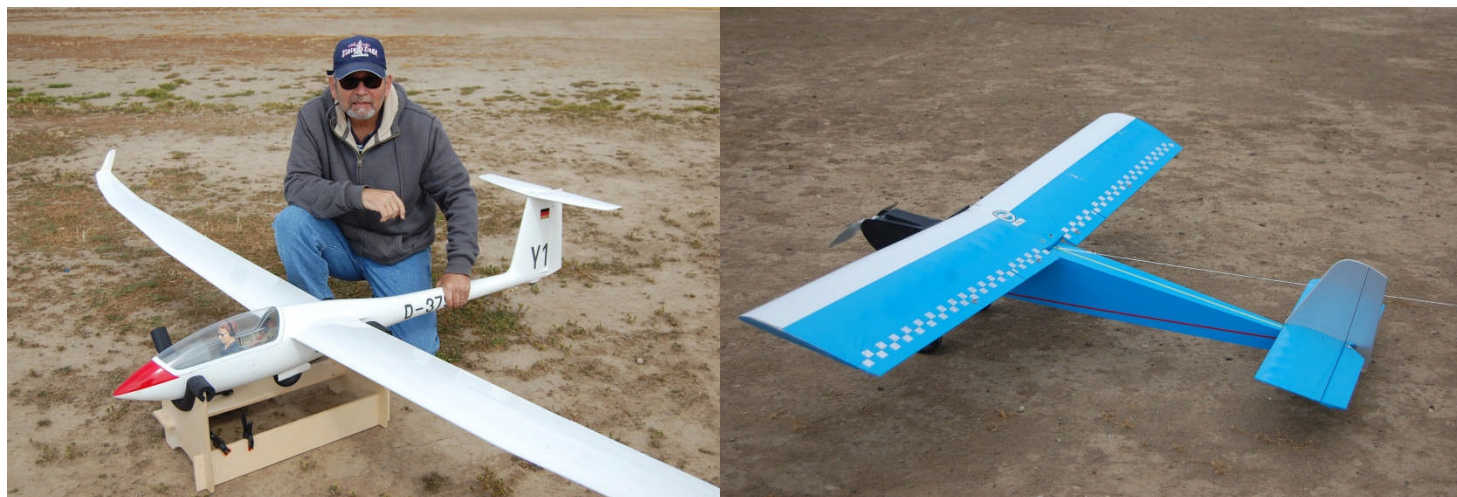
Orange County Youth Festival

Once again, Joni Whitsitt has organized participation of the Southern California Scale Squadron and Harbor Soaring Society supporting a display booth for the Orange County Youth Festival. On Saturday and Sunday April 13 – 14, teams of Scale Squadron and HSS members worked from 10 to 1:30 and 1:30 to 5 PM. Joni bravely worked both days, the full time. HSS members included: Mike Fox, Ted Broberg, John Krug, Jesse Calleros, Henry Smith IV, Fred Hesse, Bruce Ellyson, and David Whittington. Many thanks to our participants in this public service activity. This is part of what keeps HSS a Gold Leader Club. The following photos are courtesy of Ted Broberg.



Electric Aero Tow

We finally have developed some enthusiasm for electric aero tow at our field. Ted Broberg converted his big Telemaster by putting a tow hook/release at the trailing edge of the wing. Jim Sonnenmeier, Curt Nehring, and Fred Hesse have gliders with tow releases mounted in the nose, so with the willingness of Tow Tug Ted's Telemaster (that's T to the 4th power!), we are starting to build interest. The most spectacular tows to date have been with Curt's big 4 meter scale Discus 2A. It has the usual rudder, elevator, ailerons, supplemented with flaps, spoilers, retractable gear, and tow release. Wow! That's 7 channels. The photo below shows the scale appearance and majesty of the take-off. The other gliders operate with only 4 channels, rudder, elevator, ailerons, and tow release. In general, aero tow is not difficult, but requires slow gentle turns, slow climbs to altitude, and good communication between the two pilots. The glider pilot is best positioned above the tug, and outside on turns. It is best to have a release on both the tow plane and glider. The tug release is only for emergencies. The tow line is about 100 feet long, and has a 2 foot bungie in the middle. A flag is needed at the glider end so that release can be observed. Connection at each end to the tow release is done with a small loop of light tow line. Ted is getting 5 to 7 tow' s per battery charge, depending upon how high he takes the glider. Anyone interested in joining the fun can get details from the Technical Articles on our web site, or speak with any of the above mentioned pilots. Photos below all courtesy of Rob Askegaard. Thanks, Rob.



Seen Around the Field

This month we have a great collection of all types of planes. At right, Ken Downs holds his Orion F5J.

Below, and right, Rodney Arevalos built an Me-163 Comet German rocket propelled interceptor. Except this one is powered by an electric motor in the nose. It's an E-Flite Power 46. ESC is an E-Flite 89 amp, 5000 ma 5 cells, 60" span.

The two photos at the bottom show the De Havilland DH-2 by Henry Smith IV. Very nice work, and it flies beautifully.

All photos courtesy of Rob Askegaard. Thanks, Rob. - Ed.



Seen Around the Field (Continued)

At right, is John Bradford holding his Aero 3D powered by an EMP-10 motor.

Below is Ken Downs' and his "EXtreme Flight MSX-EXP". It has a Torque 2814-900 motor, and 48" span.

Below right is Ryan McHone's foam Spitfire Mk. XIV - nice detail.

Bottom left is a very nice scratch built Rearwin Speedster. Unknown builder. Takeoff looks good but it went badly.

Bottom right is Denny Mallett's "Pilotus PC-6 Turbo Porter"

All photos courtesy of our outstanding club photographer, Rob Askegaard. Thanks Rob, you make the newsletter! – 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

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.

STEM Certified Instruction

For all of the hype about "Science, Technology, Engineering, Math" (STEM) programs, your editor has been mystified as to how to qualify and participate in this field of education. Finally, we have AeroLab from AMA. This is a STEM certified curriculum. Not clear as to how many lessons are involved. AMA's education group should have further information. If HSS is serious about offering STEM instruction to local students, maybe we should invest in one or more of these educational packages.



AeroLab is a hands-on, inquiry-based workshop in conceptual physics and physical science for middle school and ninth-grade teachers. Flight is always a topic of intense curiosity, offering opportunities for great student interest. AeroLab lessons feature simple foam and balsa aircraft as tools to teach force and motion, allowing students to practice important math skills to determine average speed and acceleration. All labs are geared to national science standards, featuring model aircraft suitable for middle school physical science classrooms. The AeroLab DVD/CD set highlights inquiry-based, hands-on lessons, using simple flying machines to illustrate basic concepts in the physical sciences. The labs feature conceptual activities in the physical sciences, providing opportunities for students to collect data and graph results, as well as participate in activities designed for directed and guided inquiry. The lessons are written by science teachers for science teachers, based on the work of the Academy of Model Aeronautics members and education leaders Rocco Ferrario, Art Ellis, and Gordon Schimmel.

\$19.95



Flight Instruction

Henry Smith IV is shown below assisting Ulysses Toledo with his own Blitz foamy below, and with the club's Magister trainer at right.

Ted Broberg, reports the following:

"Ulysses has had two previous lessons with me, has been practicing with a Flight Simulator, and is picking up skills very quickly. He just got the Blitz, and we trimmed it out on the table for its first flight. Hank took over with the lesson, and Ulysses got in several minutes with each of the two planes. It's great to have such an enthusiastic new pilot! Ted B."

Ted is also shown below right with student Lee Galvin and the Magister.

Right and below photo credits go to Ted Broberg, while Rob Askegaard provided the bottom right photo. Thanks guys – Ed.



History of the Tustin Blimp Hangar

The Tustin web site has a very interesting video on the history of the blimp hangar. It is somewhat lengthy, 20 to 30 minutes, but has spectacular footage not seen previously. Lots of details on the hangar designer, photos of construction, the disaster when one partial arch came crashing down due to wind, and historical flying footage. Go to www.tustinca.org. On the left hand side of the home page towards the bottom, look for a link titled "The Tustin Hangars: Titans of History".



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 Results for March 17, 2013

The third SC-2 soaring competition was held on Sunday March 17 at Victor Valley RC Club. In Sportsman class, Erv Szego, took first, Tom Sherwood fourth, and Todd MacAndrew fifth. In RES class, Tom Sherwood took second, and Ross Thomas took sixth. Congratulation guys. Sorry but the April 21 results have not been posted.

Note that on Sunday July 21, HSS hosts the 7th SC2 interclub competition, courtesy of Silent Wings Soaring Association at their Fish Canyon field in West Covina. HSS members are needed to assist with the event. If you can help, contact Contest Director Jim Sonnenmeier. See announcement on following page.

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://sc2soaring.com/> for further details and competition results. Check individual club web sites for directions to their flying field.

2013 Contest Schedule

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

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.freervers.com

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

HSS – Harbor Soaring Society – Cost Mesa – www.1hss.org

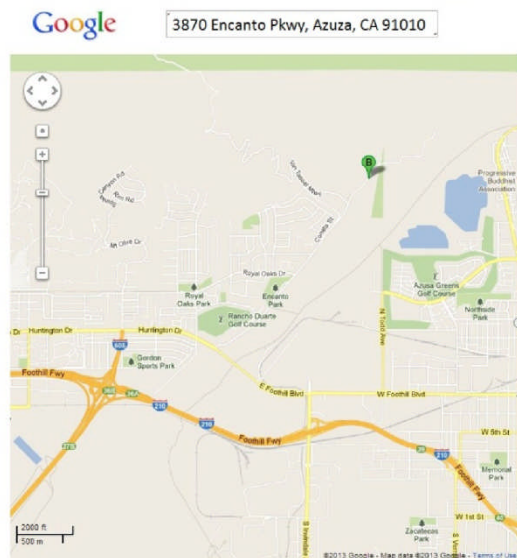
DSH – Downey Soar Heads – Downey

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



SC2 Event Announcement**Harbor Soaring Society Invites you to the July SC2 Contest at SWSA**Website: <http://www.1hss.org>**Date:** Sunday, July 21, 2013**Location:** Fish Canyon, 3870 Encanto Pkwy
Azusa, CA 91010**Field:** Gravel / Carpet**Contest Director:** Jim Sonnenmeier
(814)490-9957
jrs36psu@gmail.com**Sign up:** 8:15 AM
Pilots Meeting: 8:45 AM
Contest Start's: 9:00 AM**Entry Fee:** \$10.00 Each Class – Open, RES, 2-m and ALES
Free for NOVICE and AMA Juniors & Seniors (18 yrs and younger)**Carpet-friendly landing aids are required (no metal)**
Damage to the carpet on landing will result in Zero Flight Score**TASKS:** 3 Rounds of Precision Duration – flights each worth 900 points – landing 100 points
Round 1: 7 Minutes, Rounds 2&3: 10 Minutes – For a total of 27 Minutes – Open flight order
2 Winches with retrievers, approximately 460' to turnarounds, 7200 square foot carpet landing zone
ALES will launch parallel to winch corridor. Height limited to 150 meters by limiting device.**AWARDS:** Expert, Intermediate, Sportsman and RES – 1st thru 3rd place
Woody, 2-m and ALES – 1st place only**RULES:** AMA required, All 2013 SC2 Rules apply No Flying over launch area below launch height

Restroom available on site



GPS 34° 9'14.86"N, 117°55'35.01"W

The field will be open at 7:30 AM and the winches will be set up by 8:00 for practice or fun flying. The winches will be shut down at 8:45 AM for the pilots meeting.

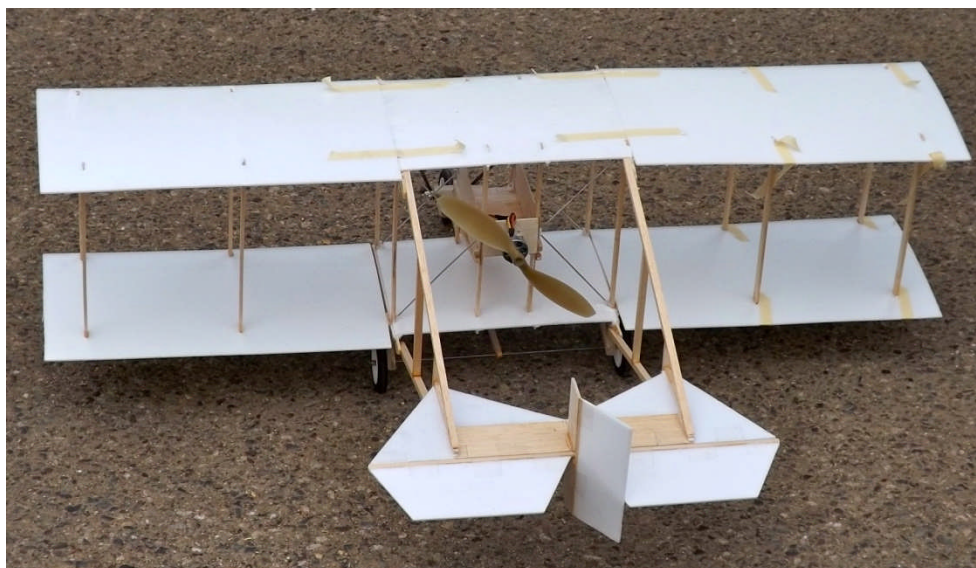
Do not drive on the carpet landing zone or electric runway.See SWSA website for more field info
<http://www.silent-wings.org/stc/about.html>

Plane of the Month

Our featured model of the month is a nifty Curtiss Pusher, scratch built by Ken Blasius, and shown at right. Your editor likes the "horsing around" shown below.

The right and below photos are by Rob Askegaard (shown with ailerons), and the lower right and bottom photos are by Ted Broberg (without ailerons? But why?).

Many thanks to our two photographers, but your grumpy editor wanted to see it fly.



Scale Fly-in, June 7-9, 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.

"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

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

SPONSORS:

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Horizon, Zap, Great Planes,
Goodwine Glass,
Gyro Hobbies




April 27, 2013 HSS Executive Meeting Minutes

Meeting was called to order by Vice President Jesse Calleros at 3:20 p.m., at Henry Smith's shop. In attendance were Jesse, Treasurer Dennis Anderson, Newsletter Editor Fred Hesse, General Director Henry Smith 3, John Anderson, and Secretary Ted Broberg.

- A. City Council meeting, May 7: We are not certain what the council will decide about our request for a five-year renewal. HSS members will be at that meeting, preferably President Walt Cloer, and Henry Smith 3. Jesse will conduct the regular HSS meeting at Round Table Pizza. Henry will attempt to communicate results of the city council decision.
- B. Fish Fry: (May 31, June 1-2, 2013): We do not have confirmation from Robert Knapp whether we will have a booth and table. If that does not come through, we can set up some planes and displays at our tables by the runway that weekend. (Ted can show his "Flier on a Wire" flight simulator, if we wish).
- C. Henry will check with the OCME (Orange County Model Engineers) representative, to see what their status is, regarding their Use Permit renewal.
- D. Henry suggests we check with BLM about their concerns involving possible changes in the Park's Master Plan. Fred suggests checking with Sierra Club. John A. may work with the Orange Coast River Park.
- E. Signage: It's ready, and Henry will post it Saturday, 4/27. It will show a map of the area, and basic rules and City Ordinances that we are bound by.
- F. A large number of our fliers with City permits are not members of HSS. We will try to get them to join us in supporting the renewal request. We don't presently have their addresses. Henry has started trying to get the City's list of those with permits, in order for us to contact those fliers.
- G. John A. distributed a list of situations and solutions for our discussion. Suggestions include:
 - Putting up photos and labels of different airplane types; posting emergency contact information; interact more with the public; and much more. He'll make a brief presentation May 7th to the general meeting.
 - Make up a one-page flyer, showing a plane or two, and a pilot who is a veteran, to appeal to our veterans; distribute it through the Veterans' Associations.
 - John is also in contact with universities and schools that feature aeronautics courses.
 - Have several simple free-flight models for kids to toss, and paper-type models they can make and take. Putting an HSS logo on them would help. He'll send a few plans to Ted, to use at the tables as young people pass by to watch.
 - Henry: We can get the AMA DART for about \$3.00 apiece, and print anything we like on it.
 - Have a Paper Airplane Contest, with a barbecue, and several categories of performance, such as duration, distance, etc.
- H. Jesse suggested that once a month we set up a Flight Simulator, and the "Flier on a Wire," to attract passers-by to our sport. We could give out HSS stickers as prizes for, say, 25th person to come into the meeting; person who answers an aircraft trivia question.
- I. Ted mentioned Jesse's suggestion that we check into running off some more Club T-shirts. Jesse will ask at the next meeting who and how many would be interested, and what styles. Ted has contacted a T-shirt vendor for an estimate.
- J. Projector for club meeting presentations: At John Rittenhouse's suggestion, we have started a pledge drive with contributions from him, added to by Jesse and Henry. Further contributions can be made to the treasurer, to offset the remaining cost, which will come from the club treasury. Jesse will survey the available models.
- K. Jesse: Consider buying raffle prizes. John A. suggested: Service awards, too! For long-time "employee of the year" award and the like.

Meeting adjourned at 5:24 p.m. Respectfully submitted, Ted Broberg, Secretary.



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 Spektrum 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

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
S.W. Corner of Goldenwest & Bolsa Ave
(714) 372-3777**

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

robsrchobbies@earthlink.net



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Free Shipping on All Orders Exceeding \$100.00 or more to the lower 48 States in the USA (Oversize Orders Excluded)
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Director

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GYRO HOBBIES**23052 LAKE FOREST DRIVE, UNIT 2-C****(Lake Forest Drive and Moulton Parkway, by the 5 Freeway)****LAGUNA HILLS, CA 92653****Phone: 888-748-7697****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. (Strike out any element of personal information that should not be published). Note that newsletter is published on club web site.**
- ☐ **I request E-mail delivery of the monthly newsletter. (Include E-mail address above.)**
- ☐ **I request printed copy of the monthly newsletter by U.S. Mail. Printing and mailing = \$20/year.**

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

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 _____





CLUB MEMBER NEWS

★ New Products ★ Deals ★ Events ★ Coupons ★

**May
2013**



P-51D Mustang RTF



Wingspan: 47.25in

Only at Hobby People!

**Ready To Fly
Receiver Ready Versions**



Brushless Motor. 3S Li-Po Power. Breathtaking Beauty!

Ready To Fly Version

No. 117230, List \$533.30

Only 249⁹⁹

Receiver Ready Version

No. 117231, List \$355.50

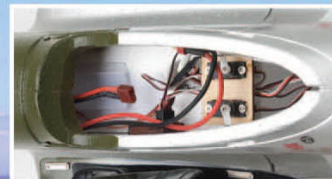
Only 169⁹⁹



RTF & RR versions include main gear and tail retracts, installed!



Hand-painted pilot bust, included!



RR version is 100% ready for your radio system RX & TX.

See one at a Hobby People Store by the end of May!



**50%
OFF!**
With Coupon

Hobby People CLUB COUPONS

For Your Li-Po Charging Needs

Balance Tap Extensions 2S - XH

No. 118510 Reg. 2.49 **Only 1.25**

Balance Tap Extensions 3S - XH

No. 118511 Reg. 2.49 **Only 1.25**

Balance Tap Extensions 4S - XH

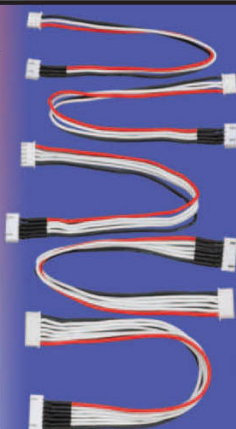
No. 118512 Reg. 2.99 **Only 1.50**

Balance Tap Extension 5S - XH

No. 118513 Reg. 3.49 **Only 1.75**

Balance Tap Extension 6S - XH

No. 118514 Reg. 3.99 **Only 1.99**



**50%
OFF!**
With Coupon

Battery Safety Bag

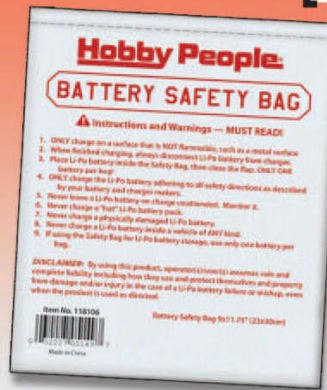
9x11.75in (23x30cm)

No. 118106

Regularly 14.99

Only 7.50

Limit 2 per coupon



May 1 through May 31, 2013 -- Retail store sales only, must present coupon at time of purchase for discount. Cannot be combined with other offers.

Find A Store: 1-866-HOBBY4U

hobbypeople.net



HARBOR SOARING SOCIETY OFFICERS FOR 2013

President	Walt Cloer	714-865-6411	waltcloer@gmail.com
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
Lead 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 MAY 7, 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 FEATURE PHOTOS FROM THE TUSTIN HANGAR WORK SHOP,
AND SHOW AND TELL. SEE DETAILS AND INSTRUCTIONS TO LOCATION ON PAGE 7.
SEE THE COLOR NEWSLETTER SENT BY E-MAIL AND AVAILABLE ON OUR WEB SITE.

