



Harbor Soaring Society

Charter #128 Costa Mesa, California
 AMA's Oldest Radio Controlled Soaring Club
 Silver Leader Club Since 2009



HSS PLANE RAP NEWSLETTER

HSS is the oldest AMA chartered R/C Soaring Club in the USA. Founded 1964
 Silver Leader Club since 2009, Gold Leader Club 2011-2013, 2015.

March 2016

HSS IS NOW OVER 52 YEARS OLD!

Volume 53

**Emergency change of HSS Presidency. David Miller has stepped down,
 Wade Rathbun voted in by Steering Committee.
 See Steering Committee Minutes on page 5.**

Plane Rap Index

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Coming Events and Soaring Competitions March - May 2016

- Tuesday March 1, 2016. HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. General meeting, 7 PM. See P.15 for details.
- Sunday March 20, 2016. 2nd SC2 competition. Hosted by Downey SoarHeads (SDSA) at HSS Fairview Park, Costa Mesa. See P.12 for details.
- Tuesday April 5, 2016. HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. General meeting, 7 PM. See P.15 for details.
- Friday-Sunday April 15-17 2016. OC Imaginology at OC Fair and Event Center. HSS members needed to help. See P.13 for details.
- Sunday April 17, 2016. 3rd SC2 competition. Hosted by Silent Wings Soaring Association (SWSA) at Azusa/Covina. www.silent.wings.org. See P.12 for details.
- Tuesday May 3, 2016. HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. General meeting, 7 PM. See P.15 for details.



February 2, 2016 HSS General Meeting Minutes

At this point, the minutes for the February 2 General Meeting are not available. They may appear in the April newsletter.

Urgent Request

HSS will be participating in the Orange County Imaginology event being held Friday thru Sunday April 15-17. See page 13 for further details. As part of our activities we will be offering computerized model flight simulation using the very popular RealFlight program. Previously, we have run this program on a laptop computer, which provides a 15 to 17 inch screen. This is not an effective way to reach larger groups of guests. You all have seen the large screen demonstrations at the AMA Convention, which attracts many enthusiasts at any given time. The club does not have a large screen TV, so, **this is an appeal to anyone that has at least a 45" flat screen TV with at least one HDMI input, that would be willing to loan or donate the TV for this event. Please contact Joni Whitsitt or Fred Hesse (contact information found on the last page of this newsletter).**

Parks and Recreation Commission

The Costa Mesa City Parks and Recreation Commission have monthly meetings that are open to the public. It is beneficial for HSS to be aware of the various activities so as to assure that model aircraft flying does not become limited or outlawed by over zealous city commissioners. Fortunately, Dick Odle who is one of our most talented watchdogs, monitored the most recent meeting, and prepared the following report.

The HSS was not mentioned, zip. The presentation of the Staff Report was given by Bart Mejia. A study of the fairy shrimp breeding habits within the Vernal Pools, as required by the USF&WS (US Fish & Wildlife Service), has not been possible due to a lack of rain. There is no time frame available for response from USF&WS on the city's proposal to them. The New Fairview Park Master Plan, when reviewed over the next year, will incorporate any USF&WS recommendations. Flo Martin, as a citizen, wants to see the USF&WS report soon so fencing can be in place soon (Speaking to the area by the High School). Fencing proposed by city is cable & post, as existent now, not chain-link. Location of fencing was not divulged by Bart.

I'm still curious, as we all should be, about the proposed location of the fencing. I suspect, having talked with the consulting biologist, the location may be just fine but I would love to approach Bart on this, given permission to do so from the HSS leadership... with great diplomacy of course.

Very kind regards,

Dick Odle

Thanks, Dick, for taking time to keep track of City activities, and providing your report. The Steering Committee needs to act on your suggestion to speak with Bart Mejia. - Ed.

Airline Facts

- Flights longer than 8 hours require 3 pilots (1 captain and 2 first officers) to rotate flying duties. Flights longer than 12 hours require 4 pilots (1 captain and 3 first officers). They usually fly 3-4 hour shifts.
- Each airline pilot flying the aircraft, eats a different meal to minimize the risk of all pilots on board being ill.
- The first female flight attendants in 1930 were required to weigh less than 115 pounds. In addition, they had to be nurses and unmarried.



RC Model Aircraft Owner Registration with the FAA

AMA members are now required by regulation to register their aircraft with the FAA to avoid federal enforcement and potential penalties. All Radio Control modelers must register aircraft weighing greater than 0.55 pounds online no later than February 19, 2016. The registration fee is \$5. However, FAA is offering free registration when registering on or before midnight EST on January 21. Online registration can be accomplished on the FAA webpage at, RegisterMyUAS.faa.gov. Several AMA staff members and AMA leaders have been working with legal counsel and the FAA to find a solution for our members on the registration rule. To date, FAA has agreed in principle to several proposed initiatives that will help ease this process for our members in the future.

FAA Registration Results

The other night, the evening news reported that "Drone" registration with the FAA is over 175,000 pilots, exceeding the total number of general aviation pilots by at least 10,000. They mistakenly assumed these were all Drone operators. Interestingly, the total of AMA members is about 175,000 modelers.

Student Training

Our flight instructors are keeping busy assisting interested visitors who stop by to give RC flying a try.

At right and below left, Henry Smith III instructs two different students using the club trainer aircraft and buddy box transmitter system. Sorry, we do not have the student's names.

Below right, Justin Tam who is 13 years old is shown holding the club "Apprentice" trainer, while Jamie Laflamme looks on. Jamie, who recently joined the club, has volunteered to be a flight instructor. Special thanks to our instructors and to Rob Askegaard for taking the photos.



Steering Committee Meeting Minutes for February 12

David Miller, our recently elected President, has stepped down from that position due to excess business activities. The following minutes describes the actions taken to establish Wade Rathbun as our new President, and the items of club business addressed at the meeting.

HSS Steering Committee Meeting

Held Friday 12 February 2016 at Nick's Pizza 2300 Harbor Blvd. Costa Mesa at 11:30 – 1:PM.

Attendance: Wade Rathbun, President; Henry Smith III, Vice President; Jim Hanson, Treasurer; Joni Whitsitt, General Director; Ted Broberg, Senior Flight Instructor; John Anderson, past General Director; Fred Hesse, Editor and acting secretary for this meeting.

Wade called the meeting to order at 11:50 AM. He gave some opening remarks concerning his meeting management style. Comments such as sticking to the agenda, strict scheduling of topics, assigning action items, and no interruptions were very well received. Wade stated that he wishes to bring John Hanson to speak at one of our meetings. John is ex-mayor of Duarte and a retired jet fighter pilot. Everyone agreed.

Next, Wade was unanimously voted in as the new HSS President. Note that this was required, as David Miller who was elected President in December had become overwhelmed with business activities, and had stepped down.

- Wade then proceeded with the first order of business, the HSS charter application to the AMA. A full board of officers is required but we were lacking a Secretary and Safety Officer. The committee determined that Wade would continue as interim Secretary, while both Wade and Jim H. continue their contacts with several potential applicants. Jim Hanson will continue as Treasurer, and assistant Safety Officer. It was announced that Vincent San Filippo Jr. has volunteered as Safety Officer. With these positions approved by the Executive Committee, Jim Hanson can now complete our charter application.
- Henry Smith III will complete our Gold Leader Club application after the club charter is submitted.
- Bylaws are in need of review and updating. This will be done at the next Steering Committee Meeting to be held on 1 March from 6 to 7PM, just prior to the next General Meeting. Jim H. will distribute MS-Word copies of the bylaws by 16 February to each Steering Committee member. These are to be updated with suggestions in red and strikeout text and brought to the next Exec Meeting.
- In a similar manner, the club Membership Application will be distributed by Jim H. for Steering Committee members to red mark and bring for review at the next Steering Committee Meeting to be held on 1 March. The Application presently on our website will also be reviewed then.
- Other club documents needing review and updating will be processed in the near future.
- Next topic was the Orange County Imaginology event. This event is held at the Orange County Fairgrounds, and will occur Friday through Sunday April 15-17. Joni Whitsitt who is managing HSS participation has already arranged for HSS to join in this activity, and is meeting with Christine Dunst, OC Fair Management, during week of Feb 15-20 for planning. In addition to the indoor demonstrations as performed by HSS last year, Joni will attempt to arrange for an outdoor drone demonstration. Jim H. was requested to obtain AMA insurance for the indoor and outdoor activities of this event. John Anderson will provide the paper glider build and fly activity. The next HSS planning meeting for Imaginology will be at the March 1 Exec Meeting.
- The demonstration and air show planned for the Cub Scouts is tentatively on hold. David Miller will continue to be the primary contact. Joni Whitsitt will monitor planning and progress.
- Field maintenance in the form of mowing will be delayed until 20-21 February assuming there is no further rain. This will be the responsibility of Henry Smith III. An impromptu group will meet Saturday 13 February to remove weeds and rocks.



Steering Committee Meeting Minutes for February 12 (Continued)

- March is AMA Flying Safety month. Jim Hanson has volunteered to give a safety lecture at our next General Meeting on 1 March at 7 PM.
- Joni reports that two SC-2 glider competitions have been approved by the city. On 20 March, the Downey Soar Heads club will use Fairview Park to host their glider competition, and on 19 June HSS will conduct our competition as part of the 2016 Soaring Clubs of Southern California (SC-2) series.
- A new club member, Jamie Laflamme has volunteered to assist Ted Broberg in flight training.

The following topics were not placed on the agenda, and will be deferred to the next Steering Committee Meeting.

- Because David Miller is very involved with his business, there is concern that the web site may not receive attention to keep it current.
- Consider establishing Steering Committee Meetings regularly from 6 to 7 PM on the first Tuesday of each month, immediately prior to the regular General Meeting.
- It was proposed that a Membership Chairman be established to assist Jim Hanson.
- Does the club wish to return to the past activities of one or more in-club glider competitions, and an electric fun-fly per year?
- Provide Dick Odle permission to speak with Bart Mejia concerning proposed fencing at Fairview Park.

The meeting was adjourned at 12:55 PM. Respectfully submitted, Fred Hesse - Acting Secretary.

F Minus by Tony Carrillo



More Airline Facts

- The World's largest Airline in terms of Fleet Size is Delta Airlines (United States) with 744 aircraft and 121 aircraft on order as of March 2011.
- QUANTAS – Australia's national airline, originally stood for Queensland And Northern Territories Air Service. QUANTAS still has the world's best safety record with no crashes as of 2011.
- The normal ratio of Flight Attendants to passenger seats is one Flight Attendant for every 50 passenger seats. The first female flight attendants in 1930 were required to weigh less than 115 pounds. In addition, they had to be nurses and unmarried.



Balsa Density, Grain, and Grade

When you are tackling your next balsa project, spend a few moments to learn about the different densities, grades, and grains of balsa. Not all balsa is created equal and its application depends on the characteristics.

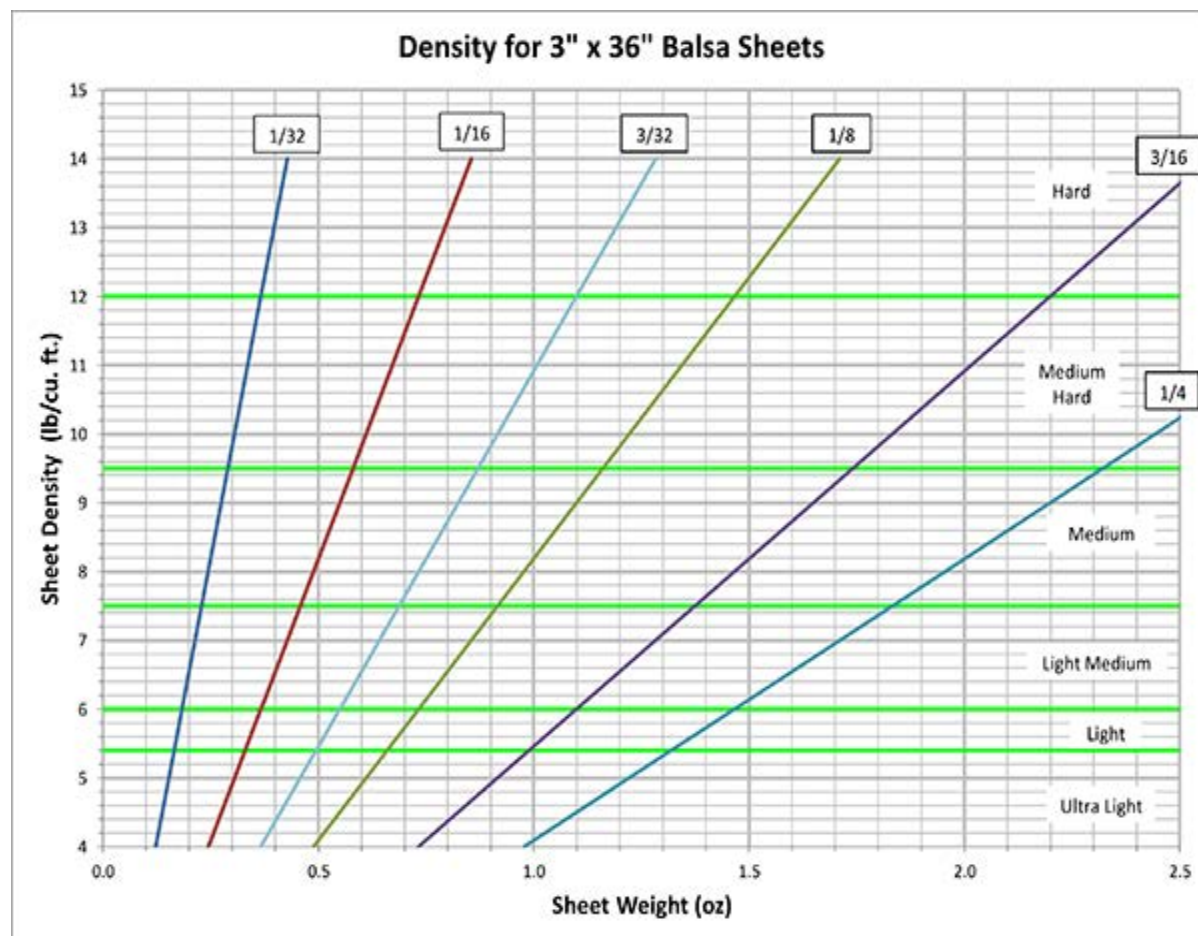
Balsa Grades

Grade	Ultra Light	Light	Light Medium	Medium	Medium Hard	Hard
Density in lb/cu.ft	4-5.4	5.5-6.0	6.1-7.5	7.6-9.5	9.6-12	14 +
----Contest Grade Balsa---- -----Non Contest Grade Balsa-----						

So how do you determine the density and grade of balsa? It is a two step process to determine the various density ranges shown above. First, weigh the sheet of balsa. While there are very accurate electronic scales, I'd suggest you use a small postage scale (the kind with a weight and clip). Once you know the weight of the balsa refer to the nomograph below to determine the density.

Balsa Density

After you weight a sheet of balsa the following nomograph is used to identify the balsa density and grade.



Balsa Density, Grain, and Grade (Continued)**Balsa Grains**

Builders should take note of the different balsa grains. Each grain type has different characteristics and should be used in different applications.

Notice that the C-grain balsa sheet has a mottled appearance and distinct checkerboard pattern. It is very stiff across the sheet and splits easily. It will not easily wrap around curved surfaces without cracking. C-grain is used for sheet balsa wings and tails, flat fuselage sides, wing ribs, formers, and trailing edges. C-grain is usually hard to find in local hobby shops. I mainly use it for sheet tail surfaces.

B-grain grain lines are shorter than A-grain and it is less stiff than C-grain. If you look at the narrow edge of the balsa sheet, B-grain will look the same as it does on the wide, flat side. B-grain can go around soft curves without cracking. This grain is used for flat fuselage sides, wing ribs, formers, planking gradual curves, and wing leading edge sheeting.

A-grain has long fibers that show up as long grain lines. If you look at the narrow edge of the balsa sheet, A-grain will have a checkerboard appearance. This is the most flexible of all grains, and it is quite easy to wrap around curved surfaces. A-grain is typically used for sheet covering rounded fuselages and wing leading edges, planking fuselages, forming tubes, strong flexible spars, and hand launch glider fuselages.

The above article was prepared by Al and Rod Clark. It is intended to assist you to learn about balsa, grades, densities, grains, and proper applications.

- See more at: <http://www.modelaviation.com/balsa#sthash.8CqLJfmO.dpuf>



Lyon Air Museum, January 30 2016

Rob Askegaard loves the full scale war planes, and visits the local air museums whenever possible. Here is an array of his photos taken at Lyon Air Museum, on January 30, 2016. Top to bottom is a two seated Mustang, Marines T-28, Rob next to an FM-1 Wildcat, and the Mustang in the air. Thanks for sharing, Rob.



Model Type of the Month – T-28

We have a slight twist to Model of the Month. Rob Askegaard has provided photos of T-28s belonging to two members. Below left and bottom is the E-Flite version with a 48" wing span belonging to David Poindexter. Below right and center is the FMS version built by Yuliy Lieb. Yuliy has retracts and lights on his model. They are both beautiful models. Thanks Rob for your photos.



Seen Around The Field

Rob Askegaard has provided the following photos.

At right is Bob Goff with two of his aerobatic planes.

Below left is Jerry Smith's E-Flite foam Scimitar.

Below right, John Anderson holds his ancient Blue Streak.

Bottom left shows Jamie Gaul and Wade Rathbun readying their General Hobby MX-2.

Bottom right is Nelson Kays with his Hobby King FPV "X-1" with camera.



Seen Around The Field (Continued)

Continuing on at right, a happy group of resting pilots.

Below left is Yuliy Lieb with Wade Rathbun holding one of his planes.

Below right is John Anderson holding his 50 year old Kraft Chipmunk. Brushed motor, mini servos, ailerons were added.

Bottom left is Walt Cloer's Travel Air.

Bottom right is Jerry Smith's E-Flite foam Scimitar.

Thanks Rob for the photos.



SC2 Competition Schedule for 2016

Soaring Clubs of Southern California (SC2) posted the 2016 competition schedule at sc2soaring.com . All dates are on a Sunday. Be sure to reconfirm the following events at the SC2 web site or the club web sites.

- Feb. 28. Hosted by Silent Wings Soaring Association (SWSA) Azusa/Covina. www.silent-wings.org .
- Mar. 20. Hosted by Downey SoarHeads (DSH) at Fairview Park. downeysoarheads@yahoo.com
- April 17. Hosted by Silent Wings Soaring Association (SWSA) Azusa/Covina. www.silent-wings.org .
- May 15. Hosted by Victor Valley RC Flyers (VVRFCF). Victor Valley RC Park, Hesperia. www.vvrcf.org .
- June 19. Hosted by Harbor Soaring Society (HSS), Fairview Park, www.harborsoaringsociety.org .
- July 17. Hosted by Inland Soaring Society (ISS), Riverside. www.glideiss.us .
- Aug. 21. Hosted by Thousand Oaks Soaring Society (TOSS), Thousand Oaks. www.toss.freesevers.com
- Sept. 18. Hosted: Soaring Union of Los Angeles (SULA) at Field of Dreams, San Pedro. www.sulaclub.org
- Oct. 23. Hosted by Torrey Pines Gulls (TPG), Glider field at Encinitas. www.torreypinesgulls.org .
- Nov. 20. Rain date,
- Dec. 10. Mark Child Memorial Toys For Tots competition at SULA, San Pedro. www.sulaclub.org .

2016 City Flying Permits Available Now

A permit to fly radio-controlled model aircraft is required to operate model aircraft at Fairview Park. This permit can be obtained by going to www.costmesaca.gov and downloading the file Model Airplane Fly Permit 2014.pdf . You must also show proof of adequate liability insurance in the form of a current Academy of Model Aeronautics (AMA) membership card or a current homeowners/personal liability policy specifically covering model aircraft operation with a minimum limit of \$500,000. Rules and regulations for flying the model aircraft can be found in the City of Costa Mesa Municipal Code, Title 12, Chapter II, Articles 2 & 3.

Permit Fee: \$25 per year. Learner's Permit for youths 6-14 years old - \$15 per year.

WALK-IN Costa Mesa City Hall (77 Fair Drive, Costa Mesa 92626), 3rd Floor Recreation Counter Tuesday through Thursday from 8:00 AM – 4:30 PM (excluding City-observed holidays),

MAIL-IN Mail your renewal packet (see list below), to include full payment, to:

Recreation Division – Fly Permit

City of Costa Mesa, P. O. Box 1200, Costa Mesa, CA 92628

Renewal Packet must include **ALL** of the following:

- Permit Application (filled out and signed).
- Copy of your drivers license.
- Copy of the AMA Membership Card (showing the required year) or homeowner's/personal liability insurance policy (specifically covering model airplane/aircraft flying with a minimum limit of \$500,000).
- Renewal Fee (\$25); payment by Check (payable to City of Costa Mesa) or charge to Credit Card (filled out and signed).

Note: Current permit holders with email addresses on file with the City will receive renewal packet via email.

If you have questions or need additional information, please call the Recreation Division at (714) 754-5300.

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 rules posted at the flying site.



Orange County Imaginology

Last year HSS participated in the Imaginology event held at the OC Fair and Event Center. This year HSS has been invited to participate again with static displays, flying demonstrations, computerized flying model simulator instruction, build and fly opportunities, and all things related to model aviation. The flyer shown below gives times, dates, and details of the event. We need HSS members to participate and man the booth for at least a half day tour of duty. Contact Ted Broberg, Henry Smith III, Joni Whitsitt or Fred Hesse if you would like to help.



Friday, April 15: 9 am - 3 pm
Saturday, April 16: 10 am - 5 pm
Sunday, April 17: 10 am - 5 pm

Save the Date! Please join us as a Feature Demonstrator as we celebrate the positive accomplishments of Orange County's youth.

IMAGINOLOGY: Encouraging young people to explore, discover and connect with Science, Technology, Engineering, Arts and Mathematics (STEAM)

Imaginology is a free three-day, family-friendly event featuring S.T.E.A.M.-related exhibits, hands-on activities and workshops for all ages, contests, entertainment, food and more.

We are inviting organizations like yours and individuals to share their work or hobby and educate our youth as a Feature Demonstrator. The participation of crafters, hobbyists, artists and educators contribute greatly to the success of Imaginology. This is an exceptional opportunity to have fun, interact with people and promote your craft or hobby.

To learn more about Imaginology go to ocfair.com/steam.

The link for the online Demonstrator Form will be emailed to you.
WE HOPE YOU WILL JOIN US!

For additional information contact Chris at (714) 708-1553 or cgunst@ocfair.com

This annual non-profit educational event is sponsored and underwritten by the OC Fair & Event Center



AMA District X Website

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 X VP. All of the information is at www.ama10.org. Why not consider helping your district with its website.

HSS Membership

Our 2016 HSS membership enrollment season is in full swing. Note that the new membership rate of \$25 per year is now in effect. A membership application is included in the last pages of this newsletter. These can be mailed 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.harborsoaringsociety.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 joined. And, don't forget your City of Costa Mesa Flying Permit. Details are shown on page 12 of this newsletter.

Invitation To Member Contributions To The Plane Rap Newsletter

Your editor would love to hear from club members. If there is anything you would like to share with the rest of us I want you to send it to me. I will add it to the next newsletter. My favorite things to publish are items sent in by members!! These can be anything like reviews of your plane or equipment, links to good videos, links to articles and things you have built or created. Bad spelling and/or grammar gladly accepted. Anything from a picture with a caption to a full blown build/review article is good. Letters-to-the-Editor are always welcome as well. Tell us what you think. Please help make the newsletter and website more interesting with your submissions. Embarrassing pics/vids are the best. I look forward to hearing from you.

Fred Hesse - Plane Rap Editor - fhesse@socal.rr.com.

HSS on Facebook

Our new Social Media Manager, David Miller, sent out the following announcement.

I wanted to announce our Facebook page has been launched. The address is www.facebook.com/harborsoaringsociety. If you're on Facebook, please join and share our site/page.

A project we should work on is a Press Release. I would like to develop a press release to announce our new website and new Facebook page. I would like to send this to the AMA marketing department for assistance announcing our great move forward.

Photos of Your Planes

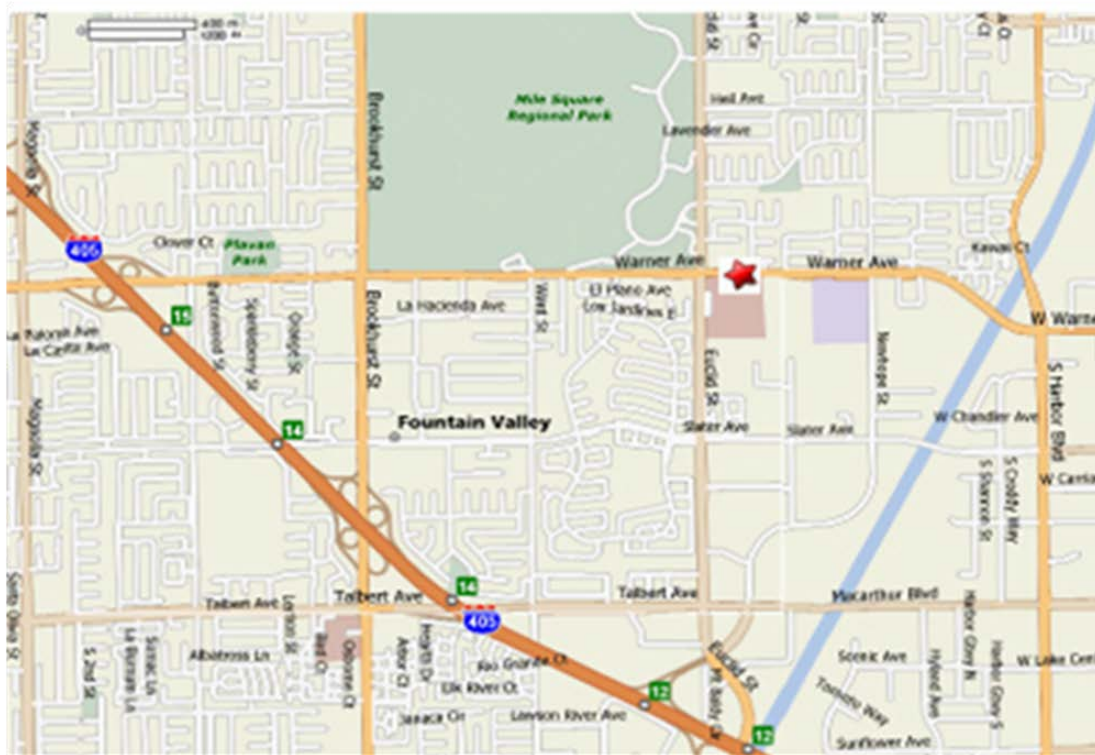
We are very fortunate to have Rob Askegaard as our club photographer. Rob has a high degree of talent, and supplements that with an excellent camera. His well composed and very realistic photos taken at ground level and his remarkable stop action in-flight pictures are superb. Rob's contributions are what make our newsletter really spectacular. We try to feature everyone and their planes, so if you haven't seen yourself in our newsletter, look for Rob just about any morning and pose for him.

Soon, we will be updating the photos on our web site with those by Rob and also those provided by Ted Broberg who recently acquired an excellent camera. Anyone that wishes a high quality print, or the digital file of their favorite plane should contact Rob, Ted, or your editor. Phone and E-mail are shown on the last page of this newsletter. Web site photos have been compressed to shorten download time, and newsletter photos are cropped, so when you obtain any image, it will be the original full resolution quality and size.



Next Meeting Announcement

Our monthly general meeting is held on the first Tuesday of each month. We meet 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. Time will be allowed for show-and-tell of your favorite plane. Bring your wife, family, and friends. There will be a raffle, with items listed below. The location is also shown below.



Raffle Prizes for March 1 Meeting

The following are raffle prizes scheduled for our March 1, 2016 meeting. Not shown is a battery charger, a small foam plane, and covering iron. Hobby People is expected to provide additional items.



Plane Rap Classified Ads and Services - For Sale

We are pleased to offer free advertising space for anyone (member or nonmember) who has items or services for sale. Details should include a description, a small photo is acceptable, asking price, and contact address/phone. Ads should be sent to HSS Editor Fred Hesse at fhesse@socal.rr.com. Items will be displayed in three issues unless a request for extension is made.

HSS Sponsors

The following companies are proud sponsors of Harbor Soaring Society. They give us special offers, and make contributions to our monthly raffles. 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.comrobsrchobbies@earthlink.net**REMOTE CONTROL
HOBBIES****SALES / PARTS / REPAIRS**

**211 West Katella Avenue, Suite J
Orange 92867
M-F 10-7 SAT 10-6 SUN 10-5
714-633-1247**

Remote Control Hobbies stores carry a wide selection of the newest RC Cars and Trucks, RC Airplanes and Helicopters, RC Drones and Quads and all of their RC Parts and Accessories. Our RC hobby shops value quality and feature hobby grade RC vehicles. Your local RC Hobbies is here to keep you running.

www.rc-hobbies.com/orangecounty<https://www.facebook.com/RemoteControlHobbiesOrangeCounty>

HSS Sponsors (continued)

HOBBY CLUB

"Only the best from around the World"

Alberto Dona

Director

www.HobbyClub.com

P.O. Box 6004

San Clemente, CA 92674-U.S.A.

Hobbyclub@earthlink.net

<http://www.hobbyclub.com>

(949) 425-1362

(949) 349-0829

ADC *hobbystore.com*

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<http://www.adchobbystore.com/> Phone 949-285-9849

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Decals
Carbon Fiber
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Competitive Prices!

Goat Hill Hobbies & Graphics

Jim Hanson
331 Hamilton St.
Costa Mesa, CA 92627
(949) 294-8365
e-mail tog4rc@pacbell.net



2016 MEMBERSHIP APPLICATION

Harbor Soaring Society
AMA Chartered Club # 128
P.O. Box 1673
Costa Mesa, CA 92628
AMA's Oldest Chartered Soaring Club

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

Please Print

NAME _____ **Home Ph.#** _____

ADDRESS _____ **Work Ph. #** _____

CITY _____ **STATE** _____ **ZIP** _____ **E-MAIL** _____

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

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

- ☐ **NEW APPLICANTS (Without Name Tag)--(17 years and older) = \$25.00**
- ☐ **ADULT MEMBER (Renewal W/O Name Tag)(17 years and older) = \$25.00**
- ☐ **JUNIOR MEMBER -----(16 years and under), = \$10.00**
- ☐ **FAMILY MEMBER -----(At same address) = \$ 5.00**
- ☐ **Optional or Extra HSS Name tag----- = \$15.00**
- ☐ **I hereby give my permission to publish my [NAME], [ADDRESS], [PHONE], [E-MAIL ADDRESS] in the monthly newsletter. (Strike out any element of personal information that should not be published). Note that newsletter is published on club web site. (1hss.org)**
- ☐ **I request E-mail delivery of the monthly newsletter in place of U.S. Mail delivery of hard copy.**
- ☐ **I request printed copy of the monthly newsletter by U.S. Mail. Printing and mailing = \$20/year.**

My primary interests in radio control flying are? Check all that apply. Show future interests with the letter F.

Thermal Duration Gliders ____	Slope Soaring Gliders ____	RES Gliders ____
Large Scale Gliders ____	Hand Launched Gliders ____	Electric Motor Gliders ____
Park Flyer Electric ____	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 for the following year. Applications for new Adult Members submitted between July 1st and October 31st will pay a reduced rate of \$15.00 (Name Tags extra). A signature is required from all Harbor Soaring Society members, agreeing to comply with the current AMA Safety Code and the current HSS General Field rules and Field Safety Rules.

The undersigned attests that: I will operate my model using only radio control frequencies currently allowed by the FCC. Further, any transmitter that I use at any designated HSS flying field must be manufactured to meet the AMA/FCC specified 20 Khz per channel frequency separation. I understand that my failure to comply with the above restrictions will result in nullification of liability coverage for damages caused or claimed.

SIGNATURE: _____ **DATE** _____

Total dues owed and attached: \$ _____

SIGNATURE OF CLUB OFFICER RECEIVING APPLICATION _____

Rev: November 2015



HSS Sponsors (continued)**Hobby People®****CLUB
MEMBER
NEWS****20** Stores To Serve You In California & Nevada**Feb/Mar 2016****CUSTOMER APPRECIATION SAVINGS COUPONS****HP ELECTRONICS****SAVE
\$30.00!**

Activator 80 AC/DC Charger, 7A Multi-Chemistry Cyder, No. 118552, Reg. \$79.99

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ANY QUAD PRICED
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INCLUDING THOSE
ALREADY ON SALE!**

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ANY VQ ARF PRICED
OVER \$150.00
INCLUDING THOSE
ALREADY ON SALE!**

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**SAVE
\$1.22!**10 x 5E Propeller
No. 608452, Reg. \$3.21**With Coupon, Only \$1.99**

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**Hobby People
Batteries****SAVE
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30C LiPo Battery

No. 118396, Reg. \$59.99

With Coupon, Only \$39.99

Offer Valid Through March 2016, Only. Must bring coupon.

**SAVE
47%!****E-Z Connectors**

No. 566612, Reg. \$1.88

With Coupon, Only 99 cents

Offer Valid Through March 2016, Only. Must bring coupon.

**HP Hobby People® NEW
STORE OPEN!****SANTA CLARA****Now 20 Hobby People Stores To Serve
You In California and Nevada!****CALIFORNIA:**

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- Fountain Valley
- Lakewood
- Murrieta
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- Rancho Cucamonga
- Encino
- Hesperia
- Lawndale
- Pasadena
- San Diego
- Las Vegas North

- Lake Forest
- Camarillo
- Orange
- Redlands
- Santa Clarita
- Las Vegas East

FOR STORE INFORMATION, CALL: 1-866-HOBBY-4-U**New HP Store Coming
Soon To Fresno-Clovis, CA**393 W. Shaw Ave, Ste A6/A8
Clovis, CA 93613

"Next to FedEx/Kinkos"

Look for grand opening
announcements at our website
and in your e-mail In Box!**Now accepting applications:**
store16@hobbypeople.net**KNOWFLY**
BEFORE YOU FLY
WWW.KNOWBEFOREYOUFLY.ORGPrice, specs, and availability may change without notice.
September 2015 Club Newsletter Ad from Hobby People.

HARBOR SOARING SOCIETY OFFICERS FOR 2016

President	Wade Rathbun	949-975-9563	wade.rathbun2@abm.com
Vice President	Henry Smith III	714-322-6537	henry.smith.3@earthlink.net
Treasurer	Jim Hanson	949-294-8365	tog4rc@pacbell.net
Secretary (Temporary)	Wade Rathbun	949-975-9563	wade.rathbun2@abm.com
General Director	Joni Whitsitt	714-396-2523	whitsittjo@gmail.com
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Alternate Safety Officer	To be determined.		
Editor	Fred Hesse	714-963-5838	fhesse@socal.rr.com
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See our web site at www.harborsoaringsociety.org, our YouTube site at <http://www.youtube.com/user/hssletsfly>, and Facebook at www.facebook.com/harborsoaringsociety

NEXT CLUB MEETING WILL BE:

**TUESDAY MARCH 1, 2016, AT ROUND TABLE PIZZA, 11095 WARNER AVE.
FOUNTAIN VALLEY, STEERING COMMITTEE MEETING 6-7 PM, GENERAL MEETING 7-9 PM.
BRING YOUR FAMILY, WIFE, AND FRIENDS FOR DINNER. WE WILL HAVE SHOW AND TELL,
AND A RAFFLE., SEE DETAILS AND INSTRUCTIONS TO LOCATION ON PAGE 15.
SEE THE COLOR NEWSLETTER SENT BY E-MAIL AND AVAILABLE ON OUR WEB SITE.**

**Harbor Soaring Society
P.O. Box 1673
Costa Mesa, CA 92626**

