



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.

September 2014

HSS IS NOW 50 YEARS OLD!

Volume 51

Field Closure. August 28, 29, September 3. No Flying. See P. 3.
Fish and Wildlife Directive: This is a major threat to our use of
Fairview Park. See Pages 4-6.

Plane Rap Index

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Coming Events and Soaring Competitions

September 2014 – November 2014

- Tuesday September 2, 2014. HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. General meeting, 7 PM. See details on P.15.
- Sunday September 21, 2014. Eighth SC2 glider competition. Hosted by TOSS. See P.14 for details or go to <http://sc2soaring.com> for more information.
- Tuesday October 7, 2014. HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. General meeting, 7 PM. See details on P.15.
- Sat.-Sun. Oct 25-26, 2014. 5th Annual Big Jolt Electric Fun-Fly at PVMAC Field, Chino. See P.17 for details or go to www.pvmac.com.
- Sunday October 26, 2014. Ninth SC2 glider competition. Hosted by TPG. See P.14 for details or go to <http://sc2soaring.com> for more information.
- Tuesday November 4, 2014. HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. General meeting, 7 PM. See details on P.15.



Minutes of August 5, 2014 HSS General Meeting

Meeting was held at Round Table Pizza, Fountain Valley, CA. Attending: President Jesse Calleros, Treasurer Jim Hanson, Henry Smith 4, Ross and Maxine Thomas, Bob Voss, visitor Zach Palomo, Bryan Schoenly, Sid Hood, Dave Whittington, Mike Fox, Gary Baldwin, William Vincent II, John Anderson, Jeff Greene, John Rittenhouse, Jim Sonnenmeier, Roger Nahas, and Secretary Ted Broberg. Called to order at 7:02 p.m.

General meeting

Jim Sonnenmeier reported on our very successful glider contest. Praise all around! **46** entrants, lots of thermals, with thanks from all. And Jim S. thanked all who helped put on this event. We even made some money! **(\$270)**.

B. IMPORTANT: RECENTLY WE HAVE BEEN TOLD THAT THE FISH AND WILDLIFE SERVICE HAS DIRECTED THE CITY OF COSTA MESA TO BUILD FENCING AROUND LARGE AREAS WHERE WE MAY FLY CURRENTLY !!

<http://www.costamesaca.gov/modules/showdocument.aspx?documentid=15159>

1. John Anderson: Important issues. He has some ideas that might help us keep our use of the field. Notably, several of the plans for the park over the years by City, County, and Environmental Organizations have included model aircraft use. Back issues of PLANE RAP document these. He'll be working with Robert Staples, hopefully in conjunction with the rest of the club leadership with a consensus on a plan toward a good end.

— He also told about the educational and recreational programs he and Ted B. have been doing. August 18th he'll meet with the administrator of the citywide ROCKS after-school program.

2. Ted: commented on the CURRENT article on HSS, run by the OC Register on July 24. Lauren Steussy, the reporter who interviewed our officers, was NOT AWARE of the negative headlines. **Version posted in OC Register had a different headline.** See the online version at the link below.

<http://www.ocregister.com/articles/planes-629552-city-members.html>

3. A discussion was held concerning noise, which was brought up as a result of the newspaper article.

John A.: "Nuisance noise sources" is an undefined term.

4. Henry 4: A field in the bay area has ruled "No ZAGGIES OR EDFs."

5. Jim S.: Our agreement with the City was granted for 5 years with a review after "one year". That review specifically will cover "speed and noise" possibly cutting our 5-year agreement down.

6. Jim H.: When he was on the committee to keep continued use of Mile Square Park, we hired an attorney who was very good at working with these complex dealings with public organizations and politics. Also, AMA provided good help then. They might even provide an attorney.

7. John R.: Are we on the same page with the City? We need to be coordinated.

8. Henry 4: Henry 3 will be very busy from now till the end of the year. If someone wishes to be the intermediary between the club and the City, Henry 4 would help to arrange it.

9. Jesse: For our Concerts in the Park, we needed more help. We sent out several requests for more members to staff our booth, and other than the four who appeared, no one else answered the call. More of us should step up when needed.

C. Jesse: Have we settled on a current Tri-fold design? Let's run them with the website and the Instructor's phone number for contact. The club should ask Erv Szego if they could be run at the print shop he works at, and the club treasury to pay for it.

— Brian Schoenly offered to run these at his work.

— And we need some new officers. (Jesse will not take any other office.)

— John A.: It's important for each worker to train an understudy.



Minutes of August 5, 2014 HSS General Meeting (Continued)

D. Club T-shirts: We've been out for years. Some members have come up with some suggested designs. Discussion. Do we want to stay with the same logo, or choose a different one? Tabled for later.

E. Member of the month: David (Sylvestra) Whittington. Nominated and passed. Jesse will send him an info sheet soon.

F. Show and Tell:

1. Henry 4: Vintage Wind Velocity meter, manual, from his uncle's estate. You hold the device in the wind for 30 seconds, hit the brake, and get a direct reading in miles per hour. Japanese-made 4-cup anemometer.

2. Ted B. showed his 24" Guillow's CESSNA 150 R/C electrical conversion, now complete, and the dihedral & washout gauge he patterned after Henry 4's device. Henry told how it is helpful in trimming and adjusting wings, especially those that require flying wires.

G. Jim S: OCRC has moved their field at the Great Park. See their website. <http://www.ocrc.com/>
<https://www.facebook.com/groups/262456294874/>

III. FREE RAFFLE:

ITEM	DONOR	WINNER
1. Easy Star electric foamy.	Mike Nelson	John Rittenhouse, who gave it to visitor Zach Palomo.
2. GENTLE LADY glider kit	Dwight Carrithers' estate	Bryan Schoenly
3. Plastic P-38 LIGHTNING	Dwight Carrithers' estate	Jeff Greene
4. KWIK BOND thick glue	Hobby People FV	Jim Hanson
5. Two small servos	Hobby People FV	Ross Thomas
6. LiPo battery, 2200 mAh	Hobby People FV	Jim Sonnenmeier
7. 20" wood prop	Anonymous	Ted Broberg
8. Foam Glider	Ross Thomas	Henry Smith 4
9. Push rods	Gary Baldwin	Zach Palomo
10. Guillow's S-4C SCOUT kit	Henry Smith 4	Bob Voss

— Meeting adjourned at 8:12 p.m. Respectfully submitted, Ted Broberg, Secretary

Field Closure August 28,29, September 3

Robert Staples has requested that the flying field be closed on August 28, 29, and September 3 to accommodate fire prevention training exercises. Jesse Calleros has obtained signs from Robert Staples and will place them in prominent locations. Please follow the directives as instructed.

Support this year's US F3J Soaring Team

Congratulations to the team members of the US F3J Soaring Team now planning their trip to Martin, Slovakia for the 2014 World Championships. The US Team was chosen at the team selection event held in Chicago IL by the SOAR club between August 31 and September 2 in 2013. To learn more about how you can support them as they prepare for competition, visit the team website at www.teamusa3j.com to make a donation.



National Model Aviation Day

More than 100 clubs registered for National Model Aviation Day, held on August 16. Henry Smith III and Ted Broberg went out to Black Starr field. The event collected donations in support of Wounded Warrior Project. Ted has provided the following photo of Henry's HABU, but did not provide photos of his Fox electric glider that he had purchased from William Vincent. Thanks, Ted. - Editor

**HSS Emergency Meeting on August 9, 2014**

As a result of the Fish and Wildlife Service directive dated July 24, 2014, Jim Sonnenmeier and Dick Odle called an emergency meeting at Fairview Park on August 9, 2014. About 15 members attended, primarily glider flyers. The goal of the meeting was to discuss the directive, determine its effect on our flying site, obtain group opinions, and to plan a set of actions going forward. Several of these actions are described in the following articles.

The Fish and Wildlife Service Directive of July 24, 2014

The U.S. Fish and Wildlife Service has issued a letter to the City of Costa Mesa suggesting certain remedial measures to protect the Vernal Pools and San Diego Fairy Shrimp habitat. The full 11 page directive can be found on our web site, at www.1hss.org. Part of those suggestions include a buffer fence shown in red on the following image (labeled Figure 3). The suggestions could put major restrictions to runway and glider launching operations

Added to that image, for discussion purposes, are the HSS storage container, runway, winch line and existing post and cable fence. As the suggested fence would severely inhibit powered flight and perhaps eliminate glider flight operations at the field, club leadership will be meeting with the city to discuss opportunities for a compromise solution in the best interest of all concerned.

As this suggested fence impacts various other stakeholders, club leadership will be meeting those affected to seek understanding of the impacts and to gain a consensus of the best way forward. One impacted stakeholder is certainly the city as the suggested fence location and boardwalk inhibits access to the park from Canyon Drive for park maintenance, park ranger patrols, and fire and police emergency services. These are public safety issues. It is important to know the letter states "Suggested locations for fencing are provided for discussion purposes (Figure 3)", thus we believe the Service is offering latitude to best suit all stakeholders.

Club leadership has contacted the Flying Site Assistance Coordinator, Academy of Model Aeronautics, for advice and support. The response was immediate and positive. Further discussions will ensue.

We remain optimistic and will keep you posted.



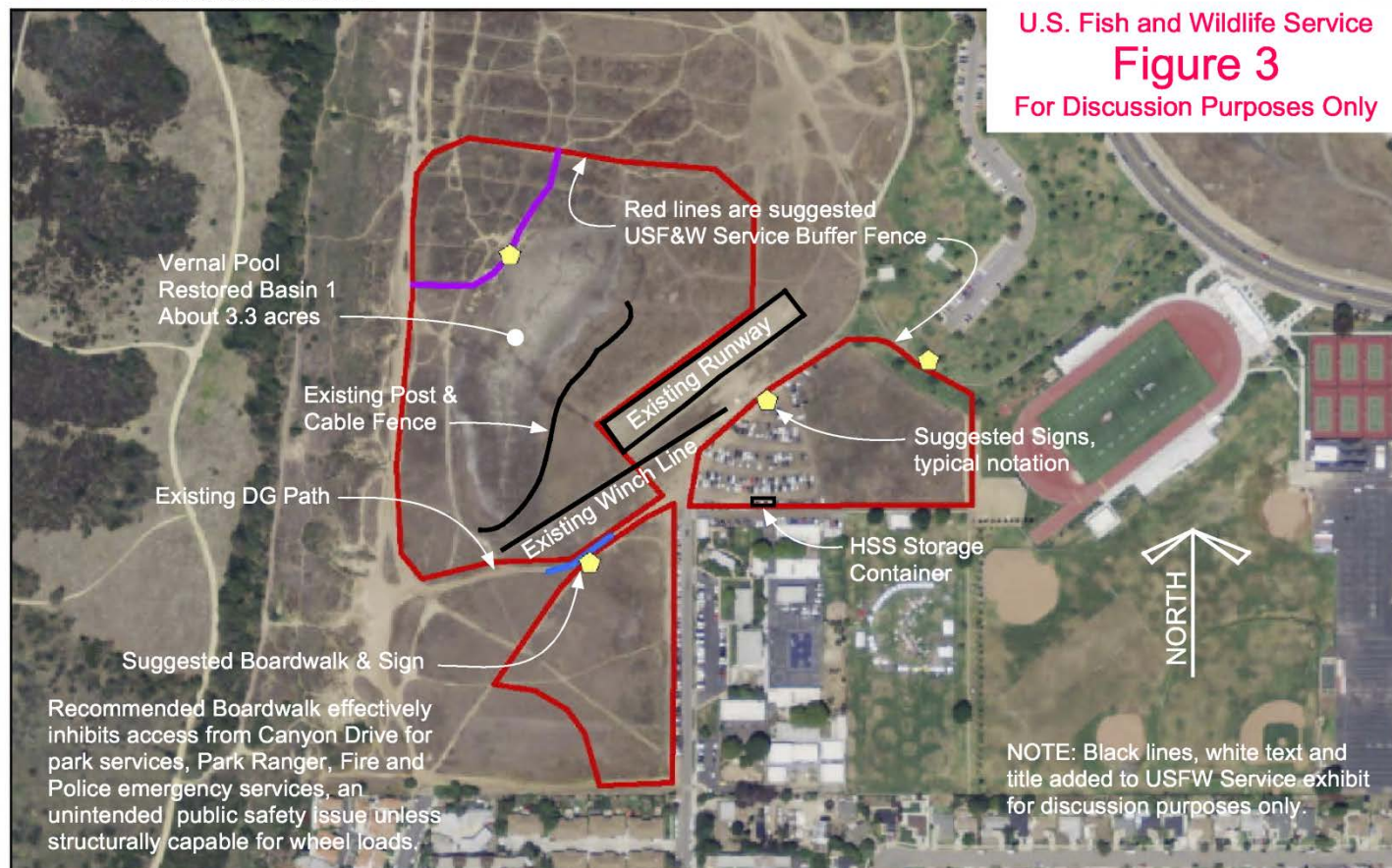
The Fish and Wildlife Service Directive of July 24, 2014 (Continued)



U.S. Fish & Wildlife Service
 Carlsbad Fish and Wildlife Office
 2177 Salk Ave. Suite 250, Carlsbad, California 92008

Fairview Park

U.S. Fish and Wildlife Service Figure 3 For Discussion Purposes Only



Prepared by: C. M. Donkers
 Carlsbad Fish and Wildlife Office
 2177 Salk Ave. Suite 250, Carlsbad, California 92008
 Map Date: 1 April 2014
 Data Source: USFWS, USGS
 Image Source: USDA, NADP 2012

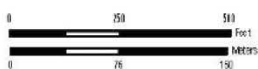


Figure 3. Location of fencing, educational signs and boardwalks needed for the protection of San Diego fairy shrimp habitat.



Request for AMA Assistance.

Club management felt it would be good to request guidance from the AMA concerning the Fish and Wildlife Service directive, so Jim Sonnenmeier wrote to Tony Stillman who handles flying site assistance at AMA headquarters. Jim's letter is included below. Tony responded immediately with a positive position, and the AMA will contribute what they can to our efforts.

Mr. Stillman,

I am writing on behalf of the Harbor Soaring Society, an AMA chartered club (# 128) in good standing for 50+ years, which operates with the permission of the City of Costa Mesa, California in Fairview Park. The club was founded as a model glider organization and continues to be rooted in soaring but has also included sport electric activities since about 2005. The club would like to inquire as to the services that AMA could possibly provide to assist in the preservation of these activities.

The club is currently facing some circumstances that would drastically change its operations, especially with regard to the continued flying of sailplanes in the park.

Background:

Fairview Park has been established as an open space with features for the enjoyment and preservation of nature. Model aircraft operations are deemed compatible with this description and have been included in the City's Master Plan for the park. Additionally, the park includes some areas of vernal pools and habitat for endangered species of both plants and animals (primarily the San Diego Fairy shrimp). Some of these protected areas are adjacent to the space used for model operations. The club has always been supportive of and active in stewardship of the park for the protection of these areas.

The City has had the responsibility for the overall protection and preservation of the endangered species contained in the park. A recent review by the US Fish and Wildlife Service has determined that the City has not been meeting all of its obligations in this regard. As a result the Service has forwarded a letter to the City making some recommendations / suggestions to increase the protection of these areas. The main focus of their proposal is to install a buffer region between these areas and all other features / activities in the park. This would require fencing off large portions of the park which include portions of the area designated for modeling. This would interfere with and preclude launching of sailplanes on the field. (That is, there would no longer be sufficient space for a winch line or high-start)

The general feeling is that the recommendations of the Service are excessive and the goals of protecting the endangered areas can be accomplished with smaller buffers which would not only meet their goals but also allow continued glider operations. There is both language in the Service's letter to the city supportive of a compromise as well as precedents in the literature that support smaller buffers. The club hopes to be able to engage other stakeholders, who use and benefit from both the park and aeromodeling, to present a unified, informed case to the Service toward this compromise.

Understanding that the Academy would have further questions about the specifics and circumstances of the situation, the club would like to gauge your interest in providing help, support, or advice to help us achieve our goals.

Sincerely,

James Sonnenmeier Ph.D.



Notes from the August 6 Fairview Park Citizens Advisory Committee

Ted Broberg and John Rittenhouse attended the August 6 Fairview Park Citizens Advisory Committee (FPCAC), and had the following comments.

Focus of this meeting was the SOUTHEAST QUADRANT of the park, which is East of Placentia Avenue. However, many of the people with Public Comment spoke to matters of the entire Fairview Park. Agenda Items 1-4. After the customary Call to Order, Pledge of Allegiance, Mission Statement, and Roll Call, two persons spoke during the Presentations/Update time:

Agenda Item 5. Presentations/Update:

a. Ana Vrska, Member: Update on Sports Fields Data. She quoted demographic data, with thanks to Brenda Green. The population is aging; more work is needed to assess needs; possible solutions:

1. More lighting.
2. Artificial turf while some fields are being renovated.
3. Limiting non-Costa Mesa usage.

b. Mel Hitchcock, Costa Mesa resident and President of Riverside Live Steamers (regarding the suggestion of putting playing fields inside the "loop" of track at the Goat Hill Railway). They used to have uncontrolled access across their tracks, and it was a bad idea. Autos drove over the rails and railbed; children stepped in front of trains, with little regard for the distance required to stop a miniature train loaded with people. Fences and flowerbeds were added for separation at their new area. "It is not good to put fields inside the open loop." He invited members of this committee and/or their representatives to visit their layout in Riverside.

Agenda Item 6. Public Comment: Some 26 persons made comments concerning the Park. Three favored adding sports fields; three speakers were college archeology teachers who favor non-development, one of whom warned that "offsetting" sites would cost millions of dollars. One or two represented the Indigenous Peoples and Tribal Nations, urging non-development. One person stated that water and fertilizer needed for turf would cause algae bloom, potentially causing the problem Ohio is facing now. This speaker also mentioned "the elephant in the room: "The one responsible for the DG path is here right now." Terry Welsh, President of the Banning Ranch Preservation Committee, reminded those present of the endangered Burrowing Owls, Gnatcatchers, and the Vernal Pools. A student from Waldorf School told of the importance of the undeveloped lands for botany and science. He is also a soccer player, and recommends better scheduling of present facilities. He ended his comment with "Don't build on it." One person, a soccer dad, said there are no city soccer fields this summer — "They are closed for restoration for four months. There is a shortage of lights. Some parts of the City are not represented here, for instance Hispanics aren't here. And they love soccer."

A young girl, possible nine or ten years old, spoke emotionally about her love for the open space: "It's perfect; don't change it." A Boy Scout who has several ideas for his Eagle Scout project at Fairview Park reminded the group of a part of the Boy Scout thinking: "Leave no trace."

— Much more was said. These are just my gleanings of notes taken during the first hour and one half of the session. As this meeting's agenda dealt with the Southeast Quadrant, few Harbor Soaring Society members were in attendance.

— Ted Broberg, Secretary, Harbor Soaring Society.

John Rittenhouse added the following comments.

As you may be aware, I have been attending the "Fairview Park Citizens Advisory Committee" meetings on behalf of HSS. Sixteen months... sixteen meetings, later I think I can say with some confidence that the outcome of these meetings will not impact our operations. However, the same cannot be said regarding the USFW's proposal to extend the boundaries of the existing vernal ponds adjacent to our runway. On that subject, I briefly spoke to Bart Mejia during an intermission of last night's meeting. I want to be fair to Bart... The location and timing were not suitable for a candid conversation. However, this is my take away...



Notes from the August 6 Fairview Park Citizens Advisory Committee (Continued)

I got the impression that the City is currently of the mindset that... that they may not aggressively pursue a reduction in the proposed USFW boundary extensions.

Bart invited representatives of our club to meet with him and his associates at our convenience.

The input of other stake holders (neighbors, environmentalist...) would also be welcomed, and might assist in formulating a unified strategy. I suspect a more detailed assessment can be made after a private meeting... which I would be willing to attend if the executive board so desires.

Thanks to Ted Broberg and John Rittenhouse for attending these meetings, and providing comments. – Ed.

Rob Askegaard Bereavement

We are extremely sorry to report that Rob Askegaard lost his wife, Mary, on August 14. She spent four weeks in intensive care with a number of problems. Rob has two daughters (each with families) that are looking after him. Ted Broberg plans to visit with Rob on Thursday evening, and bring a bromeliad house plant from the club. The bench bunch signed one card for him, and I'll circulate another at the September meeting, to be given along with a floral bouquet at the Sept. 6 memorial service. Rob will be back with us to take more of his fantastic photos after he has settled family affairs.

Rob sent the following update:

The memorial service for Mary Askegaard will be on Saturday, September 6, 2014 at 11:00 AM at Grace Lutheran Church located at 6931 Edinger Ave., Huntington Beach, CA 92647. The church phone number is 714-899-1700.

My home phone number is 714-968-1973 My cell phone for the time being is 714-614-5724.

Thanks to everyone for your kind words, cards and support at this difficult time. Love, Rob

Because of this unfortunate event, The next two issues of Plane Rap will be sadly lacking in Rob's artful photographic coverage of our members and their planes.

Summer Concerts at Fairview Park

HSS has concluded staffing a booth to advertise our club and activities at the City of Costa Mesa concerts at Fairview Park. Major contributors to the booth for the five Tuesday nights in July were Jesse and Marylou Calleros, and John Anderson. The July 29 concert was staffed by Ted Broberg and Fred Hesse.

The lap top computers are working well in their black boxes, running flight simulator and video clips. Ted Broberg brought his flyer on a wire, and we have a number of attractive planes on display. At right is Costa Mesa Fire Department Captain Gagne flying one of the trainers.

Ted Broberg provided the photo and contributed significantly to the event. Thanks Ted. - Editor.



2014 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 information 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.

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. 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 support the AMA especially in this endeavor.



Student Instruction at Te Winkle Intermediate School

Ted Broberg provided the following.

We have about 12 students here at Te Winkle Intermediate School. John Anderson had several kids make paper planes and fly them outside while I had a few on the club's Great Planes FLIGHT SIMULATOR on the Dell laptop computer.

We're through with the Te Winkle and Downtown Recreation Center series, and John alone knows what may come up in future months. Thanks for the inputs, Ted. — Editor

**Dave Whittington - Member of the Month**

HSS President Jesse Calleros has graciously provided us with our Member of the Month for September. Jesse interviews our Safety Officer, Dave Whittington.

Jesse: How long have you been flying RC?

Dave: I have been flying RC around fourteen years.

Jesse: How did you come to know about Harbor Soaring Society?

Dave: While visiting Fairview Park I ran into Ross and Karl, they told me about Harbor Soaring Society and I joined and have been a member for fourteen years and the rest is history.

Jesse: Have you served as an officer in the past?

Dave: I have served as vice-president and safety officer of which I am currently serving.

Jesse: What do you enjoy flying?

Dave: I fly both powered airplanes and gliders but I like gliders more because they are more challenging.

Thanks to both Jesse and Dave. - Ed.



Not Seen Around the Field

No, this isn't RC flying, it's control line but, what the heck, it's still airplanes. Bob Wilson, Bob Goff, and Bob McElroy flying at Whittier Narrows (Top).

Nice 2-D stunt plane (center).

How to start a gas model engine - no toggle switches here (bottom).

Thanks to Rob Askegaard from several months go.



Great Message from Mike Lee

Your editor maintains contact with other local clubs, and shares newsletters with them. This helps bring HSS members information about events, and in this case a really great article from Mike Lee who is President of Inland Soaring Society (ISS) and Secretary of Southern California Soaring Clubs (SCSC or SC-2). He is addressing the loss of interest and participants in model aviation generally, and soaring specifically. This feature article defines a problem, sensibly suggests a solution, and does it elegantly and with passion.

Looking forward, I have to ask the following: What can we, the pilots and members of the SC-2 circuit, do to make this organization grow? I have flown with the circuit for more than 20 years and I remember going to these events and seeing over 80 pilots registered. One event had over 100! We had the attention of the entire nation as some of the top names in the country flew with us. This year, the event attendance has only averaged in the middle 30's. We need to do something.

I know that one of the problems we have in this segment of the hobby is the cost. A majority of the pilots fly an expensive moldie bird, with pricing ranging from \$1,100 and upwards, depending on the manufacturer and the value of the Euro at the time you buy it. New pilots who are thinking about being a part of the competition are shocked to find out that just to fly the event, they face this kind of expense. Add to that the cost of a radio system that will handle the model.

Sure, you could simplify and use a Y-connector to work the ailerons and flaps, as that knocks off mixing two servos and the programming. But we need a better way to get this person into the mix without them breaking the bank. Another problem is the equipment needed to launch the plane once you get it. We have a \$1,000.00 plane, or even a \$300.00 plane, and now we want to fly. Sure, you could use a hi-start, which is terribly unforgiving of a mistake by the pilot or thrower, or do you have to buy a winch?

So, now we are talking even more money to get involved. Maybe we need to step back a bit to review what the purpose of the SC-2 is. I see it as the place to promote and help develop non-powered flight through competition and participation. Okay, we are doing that, but not getting the participation. So, where am I going with this? How about an alternative to the models....ALES. Before you toss tomatoes and vegetables at me, hear me out.

I recently held an ALES event at ISS, and although we had a modest turnout, there were some distinctly different things going on that made me think this is a way to get the SC-2 rejuvenated. First, the operation of the event itself was much simpler. No winches, batteries, retrievers, power cords, winch operators and stuff like that. Consequently I had more space on the flying field. I needed a lot less people to run the event. We did not have delays in the contest due to broken or fouled winch lines.

And one of the things I did with this event is that I had an entry level class for getting new pilots involved. I called it the "Production Foamie" class.

What is the Production Foamie class? Basically, I wanted to invite new pilots who were flying things like the EZ-Glider, Radian, Multiplex Cumulis, and similar models. I also allowed any mass produced electric model, such as the electric powered Gentle Lady, Spirit, and right on up to the Mystique to join in. I had 5 pilots show up to fly and they got quite an experience. In essence, I lowered the price of competition and fun, while keeping the technology of the planes and equipment within easy reach of the participants. For the first time in a long time, we have models that are ready made, need very little assembly work and are easy to fly at a price point that is reasonable. You don't need a computerized radio, no winch or hi-start, and not a lot of anything else. Just a couple of battery packs.

When was the last time you watched a new pilot engage in his first thermal and notice the huge smile on his face? I saw a lot of that at this event! Have you ever tried this style of flying? I thought that this was just folly when I first heard about it. Then I learned about the altitude/timer units being installed to get the models up to the same altitude as the others and then cutting out the motor. The scoring is done using a Man-on-Man format, which is the most effective method of competition flying that I know of. For the contest director, the event is fast paced, and you can get a lot of flights done in a shorter time. As a pilot, the strategies and tactics change from flying thermal duration or even F3J. It is fun,



Great Message from Mike Lee (Continued)

exciting, easy to fly and conduct the event, and still has plenty of action. About the only thing you may have to change on the field is the landing zone to accommodate up to 10 planes landing at the same time.

The SC-2 attempted to get this going in 2013, but I don't think we had enough push to get the momentum going. I do think there are pilots who want to fly this class, enough to start a class on the circuit, and maybe even two. I am thinking an open class plus a production class. Open being whatever plane you choose to fly, just like Thermal Duration. The Production class would be our entry level class allowing the EZ-glider, Radian, Cumulis, Spirit EP, Electric Gentle Lady, Mystique, E-Flite Aspire EP... basically any model that is mass produced with the motor system.

While this may sound fine and dandy to some of you, and BS to others, I ask that you think about it for just a bit. And then respond back to me about how YOU would go about improving the SC-2 and getting more people to fly with us. You can email me at: mlee8249@msn.com. Help us to help you have more fun, improve the skills, and expand the enjoyment level of the hobby and sport you love. Coming up this winter, possibly in December, will be the Annual SC-2 meeting. This is where we set any rules changes, figure out the schedule, discuss the operation, and elect new officers. We need new ideas and concepts. Think about some and bring them forward to us. We need you!

Mike Lee SC-2 Secretary

HSS Membership

Our 2014 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. Note that both HSS and AMA memberships initiated between November 1st and December 31st are good for the last two months of 2014 and all of 2015. 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 20 of this newsletter.

HSS on YouTube

Ted Broberg provided the following: One of our members, Bruce Guberman, walked up with a video camera one day, and asked if he could shoot an impromptu interview. He thought this would be good PR for the Harbor Soaring Society and Fairview Park. He has placed the video on YouTube, and is offering it for our website. This is a great video and features Ted Broberg and a student pilot. The link is shown below.

The student pilot is Jethro Pope, son of Catherina and Steve, whom some of you have met at the field or at one or another City meetings.

<http://www.youtube.com/watch?v=LwqKRmRvPI4&list=UUaY3bPauTVz646zkhEStBug>

Thanks to Ted and Bruce for making us famous! It's a very good video. - Ed

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



SC2 Competition Schedule for 2014

Soaring Clubs of Southern California (SC2) posted the 2014 competition schedule at <http://sc2soaring.com>.

February 16, 2014 Hosted by SWSA

March 23, 2014 Hosted by VVRC

April 27, 2014 Hosted by SULA

May 18, 2014 Hosted by DSH at TPG

June 22, 2014 Hosted by ISS

July 20, 2014 Hosted by HSS at Fairview Park

August 17, 2014 Hosted by SWSA

September 21, 2014 Hosted by TOSS

October 26, 2014 Hosted by TPG

November 16, 2014 Rain Date

December 2014 Mark Child Toys for Tots Hosted by SULA and DSH.

SC2 Competition Results for August 17, 2014

SC-2 Contest #7					Hosted By SWSA									Contest Entries	
Fish Canyon Field					James Smith, Contest Director									32	
August 17, 2014					Dan Borer, Scorekeeper										
Precision Duration Format					Round 1, 8 mins.			Round 2, 8 mins.			Round 3, 10 mins.			SCORES	
Place	PID	Pilot	Club	Class	T1	L1	S1	T2	L2	S2	T3	L3	S3	Total	Norm
1	436	Reagan, Mike	TOSS	RES	8.00	70	970.0	7.59	100	998.1	10.00	80	980.0	2948.1	1000.0
2	145	Reagan, Mike	TOSS	E	8.02	60	956.3	7.59	80	978.1	10.01	90	988.5	2922.9	991.4
3	102	Brooks, Tony	SWSA	E	8.00	90	990.0	7.58	60	956.3	10.00	50	950.0	2896.3	982.4
4	122	Lee, Mike	ISS	E	7.59	60	958.1	7.58	0	896.3	10.01	100	998.5	2852.9	967.7
5	141	Thonet, Andy	SWSA	E	8.00	90	990.0	8.03	0	894.4	9.58	70	967.0	2851.4	967.2
6	407	Brooks, Tony	SWSA	RES	7.57	0	894.4	8.01	90	988.1	10.01	70	968.5	2851.0	967.1
7	118	Khani, Ali	SULA	E	7.59	50	948.1	7.57	60	954.4	9.58	40	937.0	2839.5	963.2
8	110	Garland, Steven	ISS	E	8.00	80	980.0	8.04	90	982.5	9.37	0	865.5	2828.0	959.3
9	103	Cavazos, Robert	ISS	E	7.58	0	896.3	8.00	70	970.0	9.58	60	957.0	2823.3	957.6
10	116	Borer, Dan	SWSA	E	7.59	40	938.1	8.00	50	950.0	10.01	30	928.5	2816.6	955.4
11	446	Filice, Gary	TOSS	RES	7.57	0	894.4	7.59	60	958.1	9.59	60	958.5	2811.0	953.5
12	223	Cavazos, Kerry	ISS	Int.	8.00	60	960.0	7.52	20	905.0	10.03	0	895.5	2760.5	936.4
13	409	Cavazos, Robert	ISS	RES	7.58	80	976.3	7.59	70	968.1	8.57	0	805.5	2749.9	932.8
14	104	Spitzer, George	SWSA	E	7.58	30	926.3	7.56	0	892.5	9.53	30	919.5	2738.3	928.8
15	424	Pearson, Rick	VVRC	RES	7.59	0	898.1	8.01	0	898.1	10.01	20	918.5	2714.8	920.8
16	106	Dora, John	ISS	E	8.01	0	898.1	8.06	0	888.8	9.31	60	916.5	2703.4	917.0
17	107	Filice, Gary	TOSS	E	8.00	40	940.0	7.58	90	986.3	7.39	70	758.5	2684.8	910.7
18	126	Morjoseph, Mike	SWSA	E	8.03	70	964.4	8.05	50	940.6	7.28	0	672.0	2577.0	874.1
19	113	Graham, Eber	SWSA	E	5.44	60	705.0	8.04	50	942.5	10.06	20	911.0	2558.5	867.8
20	434	Thonet, Andy	SWSA	RES	8.00	70	970.0	4.31	80	588.1	9.59	80	978.5	2536.6	860.4
21	143	Vera, Edgar	SWSA	E	7.58	70	966.3	7.58	90	986.3	4.54	0	441.0	2393.5	811.9
22	217	Townsend, Craig	SULA	Int.	8.01	20	918.1	8.01	90	988.1	5.01	20	471.5	2377.8	806.5
23	338	Schwemmer, Rick	0	S	7.59	30	928.1	4.00	20	470.0	9.59	0	898.5	2296.6	779.0
24	139	Stewart, Ed	ISS	E	8.00	80	980.0	7.59	70	968.1	2.17	90	295.5	2243.6	761.0
25	304	Trivitt, Tom	ISS	S	6.59	50	835.6	8.05	80	970.6	3.49	0	343.5	2149.8	729.2
26	433	Thomas, Ross	HSS	Woody	7.44	0	870.0	7.57	0	894.4	4.08	0	372.0	2136.4	724.7
27	224	Anderson, Major	SWSA	Int.	8.00	40	940.0	8.05	10	900.6	2.50	20	275.0	2115.6	717.6
28	325	Ward, Les	ISS	S	4.30	0	506.3	6.22	0	716.3	3.07	50	330.5	1553.0	526.8
29	201	Szego, Erv	HSS	Int.	8.02	0	896.3	5.01	70	634.4			0.0	1530.6	519.2
30	427	Espolt, Ronnie	VVRC	RES	4.04	0	457.5	5.34	10	636.3	2.04	0	186.0	1279.8	434.1
31	301	Schaefer, Bruce	HSS	S	6.38	40	786.3	0.00	0	0.0	0.00	0	0.0	786.3	266.7
32	303	Barr, John	SWSA	S	6.08	0	690.0	0.00	0	0.0	0.00	0	0.0	690.0	234.0

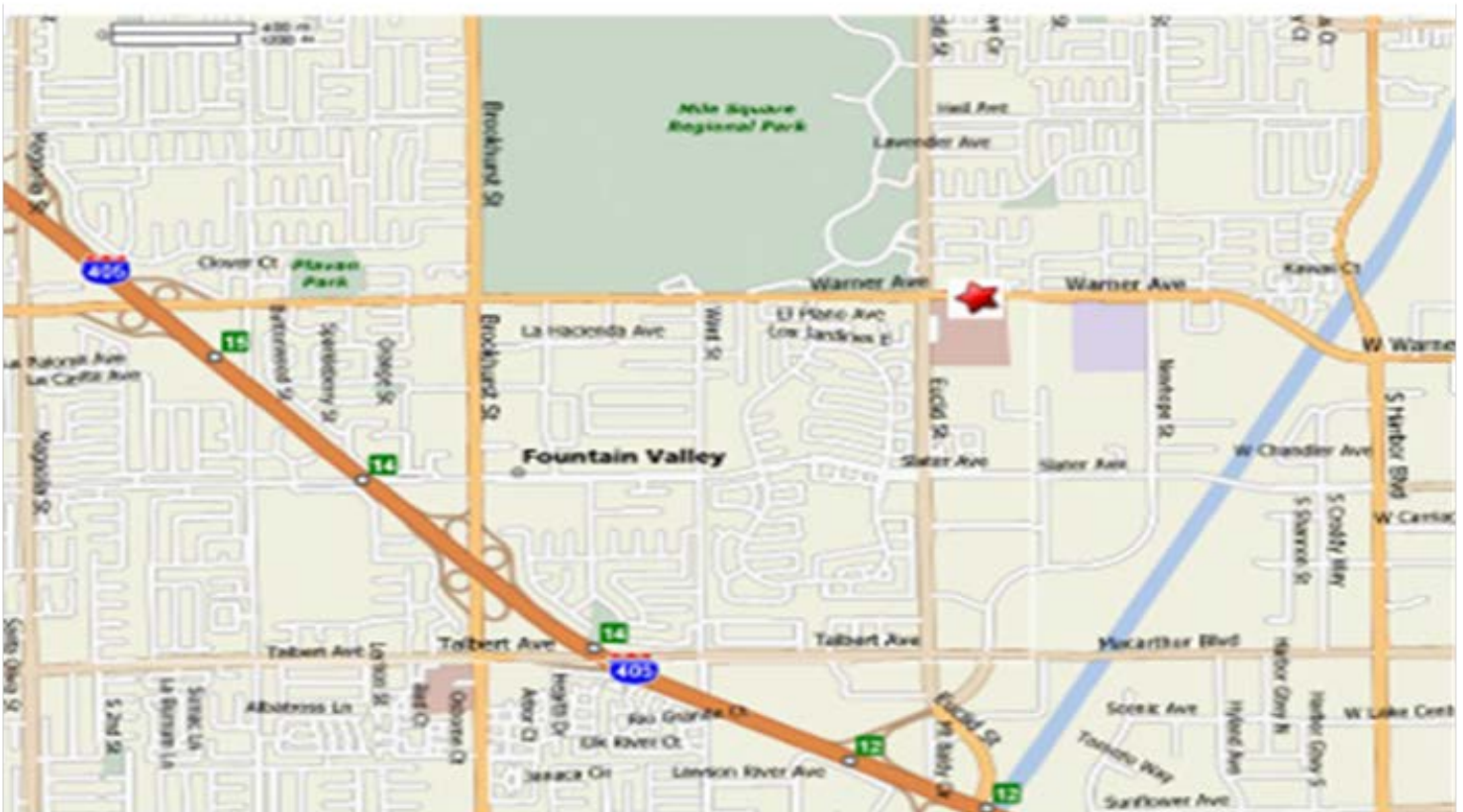
Photos of Your Planes

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.

General Meeting Announcement For September 2, 2014

Our monthly general meeting will be held on the first Tuesday, September 2, 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 on page 16. The location is shown below.



Raffle Prizes For September 2, 2014 Meeting

Ted Broberg has the following raffle prizes for the next meeting on September 2, 2014. They are from the family of Dwight Carrithers.



Blade SR-120 Helicopter



Mini Helicopter



Mini Dual Rotor Helicopter



Tomic Charger for Small LiPo's



Plastic Sailing Ship Model



Another Mini Dual Rotor Helicopter



Fifth Annual West Coast Big Jolt Electric R/C Experience**When: October 25-26, 2014****Where: Prado Airpark, Chino, CA****Open to all Electric Aircraft and EDF Jets.****For Details, Please Visit: www.pvmac.com****Premier Flying Site****Food on Site****Beautiful 800 ft. by 80 ft. paved runway
with large unobstructed over-fly****Night Flying****RV Dry Camping @ field, \$10 per Day****Saturday Night Banquet****Electric Vendors****General Public Raffle****Sanction # 1934****An AMA Sanctioned Event Hosted by The Pomona Valley Model Airplane Club (PVMAC)****First 50 Pre-Registered get a FREE Event Hat. Pre-reg. = \$25.00 @ Field Reg. = \$30****CD – Randy Wilber (949) 683-9662:
rwilber@videotecheng.com****Contact: Joni Whitsitt (714) 396-2523:
whitsittjo@gmail.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.

High Quality Outrunner Motor For Sale: Kontronik 30-40 Outrunner Motor, KV = 400, 5 to 8 Li Po cells, Max 55 amps, Around 1000 watts. Shaft dia 6 mm. KV is too high for the types of airplanes I fly. Motor has built in cooling fan and should be ideal for helicopter. \$100.00

Henry Smith - hsmith@ccsiglobal.com

For Sale: A pristine fully Composite Hobie Hawk RTF less rx. Frank Gagliardi. San Diego. 858-271-4430

For Sale: Hobby People/VQMDL Joker \$180.00. Component value \$365. Call/Text Kevin: 951-743-9201. Only flown two times for a magazine review. No crashes. Add your receiver and fly.

Manufacturers. Specifications

- Wingspan: 1550mm – 61in
- Wing Area: 42.6sq.dm - 660sq.in.
- Wing Loading: 39.9/dm.sq. - 13.1oz/sq.in. (Will Vary with Equipment Used)
- Length: 1100mm – 42.6in
- RTF Minimum Weight: 1.7Kg – 3.74lbs (Will Vary with Equipment Used)
- Radio: 4-channels with 5 x 17G Mini-Servos
- Motor: 40 to 46 size motor Electric Motor Equivalent.
- Functions: Ailerons/Elevator/Rudder/Throttle

Retired Modeller (Dean Daily) Selling His Equipment

Photos of RC items for sale: <http://www.rcmarks.org/img/PhotoGallery/2014/Mar/DeanDaily/>

List of items: <http://www.rcmarks.org/img/PhotoGallery/2014/Mar/DeanDaily/itemlist.html>

If you are interested in any of these please send Sanford Bennett an e-mail (s.a.bennett@netzero.net) or give him a call ([909-246-1167](tel:909-246-1167)).



HSS Sponsors**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

The following companies are 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.

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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.

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HSS Sponsors (continued)

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Competitive Prices!

GYRO HOBBIES

Gyro Hobbies has moved from Lake Forrest to Laguna Niguel.

Address: 27601 Forbes Rd #39, Laguna Niguel, California 92677

Phone: (949) 583-1775

Hours: 11:00 am – 6:00 pm

Take the Crown Valley Parkway exit from 5 and turn right. The next right is Forbes Rd. Take it the very end straight into the commerce park entrance. Bear right and the shop is just around the first bend.

www.gyrohobbies.com



HARBOR SOARING SOCIETY MEMBERSHIP APPLICATION FOR 2014

**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 _____

Rev: 25 Jan 2014





CLUB MEMBER NEWS

★ New Products ★ Deals ★ Events ★ Coupons ★

SEPT.
2014



TIME TO RECORD ALL THE ACTION!

Now is the best time to buy your BOSCAM HD08A 1080P Full HD Waterproof Mini Sports Camera w/170° Wide-Angle Lens for RC Quadcopters, Aircraft and More! This mini sports camera is perfect for recording high-definition 1080P video from your choice of R/C.



It's an ideal alternative to GoPro™ brand cameras.

Features:

- Record Full HD 1080P Video
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- Includes Waterproof Case and Various Mounting Attachments
- Dual 32G Micro SD Card Support (Micro SD Cards Not Included)
- Built-In 1.5" High-Resolution Display
- Front Panel LED Indicators



No. 193200 **SAVE \$40!** **139⁹⁹**
Reg. \$179.99 With This Coupon

Hobby People Batteries

Other companies offer lithium polymer batteries, but at a price too high to afford. Hobby People works hard to bring you the best deals on the best Li-Po batteries!

LARGE CAPACITY LI-POs ON SALE!

No. 118401-- 11.1V 5000mah (3S) 30C LiPo, Reg \$59.99, **Club Mem. 49.99**
You Save \$10.00! ⬆

No. 118402-- 14.8V 5000mah (4S) 30C LiPo, Reg \$79.99, **Club Mem. 69.99**
You Save \$10.00! ⬆

No. 118403-- 18.5V 5000mah (5S) 30C LiPo, Reg \$99.99, **Club Mem. 79.99**
You Save \$20.00! ⬆

No. 118407-- 11.1V 6500mah (3S) 30C LiPo, Reg \$79.99, **Club Mem. 69.99**
You Save \$10.00! ⬆

No. 118408-- 14.8V 6500mah (4S) 30C LiPo, Reg \$99.99, **Club Mem. 84.99**
You Save \$15.00! ⬆

No. 118409-- 18.5V 6500mah (5S) 30C LiPo, Reg \$119.99, **Club Mem. 99.99**
You Save \$20.00! ⬆



With Coupon



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Riverside

NEVADA: Las Vegas North

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San Diego

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Santa Clarita
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Fast, Friendly, Knowledgeable,
Ask The R/C Pros!
The Crew



Club Member Coupon

**Fly Baby 20-size EP ARF
Aircraft - US Mail Colors**



SAVE \$40!

No. 160013, Reg \$119.99

79⁹⁹

*Valid Sep. 1 through Sep. 30, 2014 -- 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

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HARBOR SOARING SOCIETY OFFICERS FOR 2014

President	Jesse Calleros	714-543-0581	jesscall@sbcglobal.net
Vice President	Henry Smith III	714-322-6537	henry.smith.3@earthlink.net
Treasurer	Jim Hanson	949-294-8365	tog4rc@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	Open		
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	Fred Hesse	714-963-5838	fhesse@socal.rr.com
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 SEPTEMBER 2, 2014, AT ROUND TABLE PIZZA, 11095 WARNER AVE.
HUNTINGTON BEACH, GENERAL MEETING 7-9 PM.**

**BRING YOUR FAMILY, WIFE, AND FRIENDS FOR DINNER. WE WILL FEATURE 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.**

