



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.

November 2014

HSS IS NOW 50 YEARS OLD!

Volume 51

**HSS Officer Election at November 4 Meeting. Come vote for your
HSS Officers for 2015.**

Also, plan to attend the HSS Christmas Party, December 2, 2014.

Plane Rap Index

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Coming Events and Soaring Competitions

November 2014 – January 2015

- Sat.-Sun. Oct 25-26, 2014. 5th Annual Big Jolt Electric Fun-Fly at PVMAC Field, Chino. See P.14 for details or go to www.pvmac.com.
- Sunday October 26, 2014. Ninth SC2 glider competition. Hosted by TPG. See P.10 for details or go to <http://sc2soaring.com> for more information.
- Tuesday November 4, 2014. HSS monthly meeting and HSS club elections, Round Table Pizza, 11095 Warner Ave. General meeting, 7 PM. See details on P.17.
- Friday-Sunday Nov. 7-9. F3J glider competition. Inland Soaring Society, Riverside. See P.19 or www.glideiss.us.
- Tuesday December 2, 2014. HSS Annual Christmas Party and 2015 officer installation. Woody's Diner, Brookhurst and Adams, HB. 7PM. Year end super raffle. See P.6 for details.
- Friday-Sunday Jan 9-11, 2015. AMA Expo at Ontario Convention Center. See P.19 or www.amaexpo.com for details and tickets.



October 7, 2014 HSS General Meeting Minutes**GUEST SPEAKER: GARY FOGEL**

I. General Meeting: Called to order at 7:00 p.m. by President Jesse Calleros. Also attending: Vice President/General Director Henry Smith III, Photographer Rob Askegaard, Secretary Ted Broberg; Lucille Olszewski, Jim Sonnenmeier, Tom Sherwood Jr., Ross Thomas, John Anderson, Glen Tebo, Mike Fox, Sylvesta Whittington, Tom Cody, Vynce Paradise, John Rittenhouse, Ernest Feher, Henry Smith 4, Randy Wilbur, Sid Hood, Bob Voss, Steven & Denies B. Penn, Roger Nahas, Rob Askegaard, Gary Gough, and Gary Baldwin.

A. John Anderson: Report on Pumpkin and Scarecrow Contest at OCME's Goat Hill Junction train yard. At last month's HSS meeting, John announced that we had been invited to have a booth and display at this year's contest. He showed photos, his orange flyers and Pumpkin Planes. These were filled with information about our club. Over 1,000 people attended each day, October 4 and 5. Our booth had a couple of flight simulators running, with lots of interest. Our scarecrow, "...as the Crow Flies," won the People's Choice award, which garnered two gift cards, a plaque and a T-shirt. John would like to have us "roll out" the scarecrow at the field in a few days, to keep public interest going.

— He has arranged a special meeting with Ralph Ranalli and the Fire Chief, showing them many of Ralph's aerial photos, in which the Department is very interested.

— He also has contact with a group, a city Armed Forces committee, who are refurbishing the Panther Jet aircraft in the play yard at Lyon's park. He'd like us to help in this. It's an actual fighter jet, now plastered over with concrete for safety reasons.

B. Jesse introduced Dr. Gary Fogel, our guest speaker for tonight, shown on next page..

He has done a study and written a book titled "Quest for Flight" about John J. Montgomery, pioneer in the 1880s in fluid dynamics as applied to aircraft. Now Gary has released yet another book titled "Images of America, The Torrey Pines Gliderport". His talk reviews the progress of un-powered flight from the very early years.

— In 1909, highschoolers were making people-carrying gliders. He did a summary of achievements in early experiments in aviation. Highlights include:

— Since the Treaty of Versailles, Germany was forbidden to make powered aircraft; so they developed gliders, and became so proficient that they gave rise to the Luftwaffe of the Hitler years.

— William Hawley Bowlus built gliders, then became superintendent of construction on the Lindbergh's Spirit of St. Louis.

— Bowlus' designs set a number of duration records. In 1930, he soared for 9 hours and 5 minutes, slope soaring off Point Loma, San Diego. He taught both Charles Lindberg and his wife Anne to fly gliders. Anne became the first woman "first-class" glider pilot. When the news spread that the Lindberghs were flying gliders, soaring became a hit! Bowlus began selling kits of his gliders. Glider clubs sprang up all over, especially in California.

— Dale Drake: Pioneer in aviation in America; later made the Drake Indy-car engines.

— In 1929, the Crawfords produced a motor glider at their airport in Seal Beach, where the Glider Inn stood for years.

— At a high school in San Diego, the teacher let his wood shop class to build gliders!

— From 1930 to 1941, these highschoolers flew off the beach near Torrey Pines. Woody Brown talked them into flying from the cliff, and soon that was the place to launch. This became a gliderport.

— John Robinson made the first sailplane with spoilers. That enabled him to land the plane in high winds at the bluffs at Torrey Pines.



October 7, 2014 General Meeting Minutes (Continued)

— Woody Brown made surfboards, and developed the hollow board of ribs and plywood, and invented the skegs. He applied aircraft principles to surf boards. He also made the first catamaran, and Hobie Alter took the idea into the development of the sport catamaran.

Gary continued with his re-cap of achievements and people of full-size gliders, then he switched to the topic of radio-controlled glider flying, from the first “escapement” single-channel radios to today. Harbor Slope Soaring Society was the first club to fly R/C at Torrey Pines.

Then he switched to hang-gliders, and told high-lights of that sport. Torrey Pines is now internationally recognized as a hang-gliding and para-gliding area.

— Manned sailplanes now fly Torrey Pines in the winter, February through April, when conditions suit. Torrey Pines is “The Kitty Hawk of the West.” It’s listed on several Landmark and Heritage sites.

— Lately, buildings have been built that interfere with the runway. Gary has been working hard to preserve the glider port, and it’s a major struggle.

— He has written several books, and produced a video titled “Soaring Torrey Pines”.

— Then he showed a video made in 1941 by Hawley Bowlus.

QUESTIONS AND ANSWERS. Gary fielded queries from the audience.

C. Announcements:

Jesse: We need candidates for next year’s officers! See Jesse.

Randy Wilbur: Reminded us of BIG JOLT flying event October 25-26 at Prado Airpark, Chino. Open to all electric aircraft and EDF jets. See www.pvmac.com for details.

The event includes night flying. See info on rflightdeck, and flyer on P. 14.

Jim Sonnenmeier: Jim and others met Robert Staples and Bart Mejia to see where they stand on the Fish and Wildlife Department report. They are about on the same page with us. (See P. 12.)

D. Show and Tell

1. Henry Smith 4:Stevens Aero kit, ARCHAEOPTERYX . 40” W/S; features wing-tip “tipperons” — full-flying wing tips with a lot of reflex. It’s a model of a full-size 1932 aircraft, one of the first tail-less, swept-wing planes. It has flown fairly well. He has some modifications in mind. See Model of the Month, P.9.

2. Steven Penn from Hobby People, Orange: Guillows S E 5 from kit, with many modifications. All landing and flying wires are in place. COVERLITE covering. It’s flown, but it’s a handful .

Editor’s Note: Frank Colver will be our guest speaker for the November 4 meeting. His topic will be “Early history of the club”.

Meeting adjourned at 8:51 p.m.

Respectfully submitted, Ted Broberg, Secretary

Editor’s Note: Speaker for October 7 general meeting was

Dr. Gary Fogel, shown at right.



HSS 2015 Ballot

Here is the ballot for 2015 HSS officers. Members attending the November 4th 2014 general meeting may vote at that time. Ballots will be provided. Otherwise, the ballot shown below is to be used as an absentee ballot. This should be removed or copied from this newsletter and must be received at the club post office box no later than November 3rd, 2014. Mail ballots to Harbor Soaring Society, P.O. Box 1673, Costa Mesa, CA 92626.

President (Vote for one)	Henry Smith III	<input type="checkbox"/>
President (Write-in)	_____	<input type="checkbox"/>
Vice President	John Anderson	<input type="checkbox"/>
Vice President (Write-in)	_____	<input type="checkbox"/>
Secretary	Ted Broberg	<input type="checkbox"/>
Secretary (Write-in)	_____	<input type="checkbox"/>
Treasurer	Jim Hanson	<input type="checkbox"/>
Treasurer (Write-in)	_____	<input type="checkbox"/>
General Director	John Anderson	<input type="checkbox"/>
General Director (Write-in)	_____	<input type="checkbox"/>
Contest Coordinator	Ross Thomas	<input type="checkbox"/>
Contest Coord. (Write-in)	_____	<input type="checkbox"/>
Newsletter Editor	Fred Hesse	<input type="checkbox"/>
Newsletter Editor (Write-in)	_____	<input type="checkbox"/>

The following is for information only. No voting is required for these positions.

Safety Officer	Bruce Schaefer	Volunteer
Publisher	Mike Gaczowski	Volunteer
Web Site Administrator	Fred Hesse	Volunteer
Alternate Web Site Administrator	John Rittenhouse	Volunteer
Flight Instructor	Ted Broberg	Volunteer
Flight Instructor	Bruce Schaefer	Volunteer
Flight Instructor	John Krug	Volunteer
Winch and Key Coordinator	Todd MacAndrew	Volunteer
Club Photographer	Rob Askegaard	Volunteer



HSS represented at Orange Coast River Park Luncheon

The Orange County River Park (OCRP) is a 1000+ acre super park being developed along the south Santa Ana River. Its comprised of public and private properties in four jurisdictions: Orange County, Huntington Beach, Newport Beach and Costa Mesa (including Fairview Park). On October 23rd, the OCRP, Inc. Board hosted its annual leadership luncheon for nearly a hundred political, agency staff, and stakeholder representatives.

Costa Mesa was well represented by Councilwoman Wendy Leece, City Manager Tom Hatch; Public Services Director Ernesto Munoz, Parks Project Manager Bert Mejia, and Parks and Recreation Commissioner Phil Graham.

HSS, a recognized stakeholder, was represented by John Anderson, former OCRP committee member and former HSS General Director/VP. He was honored to be selected as the kickoff presenter and he offered a short set of well received prepared remarks, as follows:

"The Harbor Soaring Society is a longtime member of the OCRP family. Many of you know Frank Colver-a founding member of HSS, still a member, and an honored guest speaker at our next meeting - in celebration of our club's 50th "birthday"!

We have 90 plus members - in a group of 200 plus City-permitted flyers.

As a nationally-recognized club - we provide free community services & outreach - including:

- * Fairview Park cleanup, signage, stewardship & positive presence -as we discourage improper behaviors - and promptly alert authorities as needed
- * Aerial photo & video services for environmental, engineering, & public safety interests
- * Flight training & STEM-based education & recreation programs
- * Participation & support - as in the Costa Mesa's Scarecrow and Pumpkin Festival at Fairview -where our scarecrow won "Peoples Choice" & we distributed hundreds of our pumpkin gliders. We're now helping to provide hundreds more to Camp Pendleton Marine families for Halloween.

Thank you Costa Mesa! We respect & enjoy the open space & the privilege to fly at one of the last remaining fields in OC.

Accordingly, we look forward to doing our fair share for the Orange Coast River Park.

Meanwhile, we cordially invite you to visit us soon and perhaps enjoy a free instructor-guided orientation flight".

John then renewed many contacts, made new contacts, and did some informal "show & tell" including his LSI Live Streamer video plane, and a notebook of previous, much appreciated, aerial photos of the Huntington Beach Wetlands - as flown by the late HSS member Jim Ward. He also noted the Banning Ranch vernal pond aerals flown by Ralph Ranalli and the prospects of his providing assistance to the Costa Mesa public safety services.

Message from the General Director

I think the club has had a pretty good year. Jim Hanson and others have been approaching flyers at the field and asking them to supper the club. As a result this year's membership has reached 99 members. In the coming year all members should make an effort to bring new flyers into the club.

John Anderson's efforts toward community outreach has also helped make the positive aspects of our club known to outsiders. During the next year we will need to work closely with the city and other organizations to protect our privilege to fly at Fairview. Only with teamwork and hard work will we be able to continue flying the in future.

Henry A. Smith III, Harbor Soaring Society General Director



The Noise Issue

Last July, HSS was interviewed by the Orange County Register with the intent of describing HSS activities for a feature article in the July 24 issue of "The Current", a weekly paper for local distribution. The subject of HSS activities was hijacked and turned into a complaint about all the noise our models make. This attack will now be defended over the next several months, in hopes of showing how erroneous it is. Ted Broberg has obtained the City Ordinance info (26 pages of it) from Robert Staples and the Parks and Recreation Department staff. Much of it tells about when heavy equipment may be operated, and the priority of rescue equipment. This document controls noise generation throughout the city and especially Fairview Park.

Dick Odle has begun some very preliminary measurements that he explains in the following report.

Finished flipping my hand launched glider about 10:40am this morning, so plopped my digital sound meter down on one of the cut-off telephone poles at the parking lot. It was about 32" above ground level, wind was SW 3 to 5, gust 7.

Observed the noise levels in dB on the A scale for about 18 minutes, with a sampling rate of 0.2 seconds. Interesting! The ambient was 39 to 40 dBA. Overflying commercial jets were 45 to 48 dBA. Several powered models were flown. 3D and aerobatic models punching big holes in the sky were 42 to 45 dBA. One pusher type powered glider (i.e., prop cutting the wing wake) was 42 to 45 dBA. One fairly whiny EDF (electric ducted fan) was 45 to 48 dBA. View these as average maximums, as there was dead silence (ambient) most of the time.

In other words, at that receptor location, no model exceeded the 50 dBA threshold recommended as the limit on the low side for parks. Obviously, the housing units several hundred feet father away would be impacted quite a bit less.

Two activities were more obtrusive. Cars starting their engines and driving away measured in the mid to high fifties. Talking at a distance of 3 feet measured 54 to 56 dBA. My immediate recommendation is to prohibit talking! (LOL). As you all agree, we need to consider a plan for a more serious study. In this case good data will be our friend, though we can likewise agree "perception" is an entirely different matter.

Bart (Mehia): I copied you on this very cursory report because we take the noise issue very seriously... particularly after the OC Register story on the Harbor Soaring Society that led with Paul Beckett's sensational quote. We will keep you posted on future work and please feel free to jump in with any suggestions. Thanks.

Thanks for the report, Dick. We will shortly be developing a more scientifically organized sound assessment project, in order to collect authoritative information on how much noise is produced by the various types of planes flown at our field.

HSS Christmas Dinner 2 December 2014

Our Vice President, Henry Smith III, has made plans for our 2014 HSS Christmas Party. It will be at Woody's Diner, on Tuesday December 2, at 7 PM, in place of the normal meeting time. This is the same place as last year. The location is 10136 Adams Avenue, on the Southeast corner of Adams and Brookhurst. Phone is 714-965-4555. Henry has arranged for a private back room. We encourage using cash as the diner is asking for a single (group) check. There is a full bar.

Come join us to celebrate Christmas, enjoy the camaraderie of club members, and install our HSS officers for 2015. We will have a spectacular raffle of neat planes and stuff that Ted Broberg has acquired.



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.

The Great Pumpkin and Scarecrow Festival

The following is a composite of several reports and E-mails from Ted Broberg, John Anderson, and the Orange County Register Weekly local newspaper called The Current. Planning and executing HSS participation was spread over a number of weeks.

To begin with, John Anderson mentioned that he had conversed with some of the OCME/ miniature railroad people, and they invited us to have a booth at their annual PUMPKIN AND SCARECROW FESTIVAL AND CONTEST, held on October 4 and 5 at the Goat Hill Model Railroad facility. Then John designed and printed off 500 Flying Pumpkin Planes, two to a page, on orange paper. On one side of each plane was information about Harbor Soaring Society, telling where HSS is located, and giving phone numbers of Bruce Schaefer and Ted Broberg as contacts for free model plane "Introductory flying lessons." Next, the Pumpkin planes were brought to the benches at the HSS field, and volunteers cut them out, pre-folded them, glued the sides of the fuselages together, and taped a penny to the nose. Lots of fliers took on the job, and by October 3, all 500 of them were ready to give to the young people who stopped at our booth. In the meantime, Vince San Filippo and his family volunteered to build the scarecrow, to the sketch Ted B. had scribbled. He clothed it with some of Ted's old work clothes, stuffed it with newspapers, added a donated plane from Tom Cody, and we set the whole thing up by the train tracks at Goat Hill Junction. John A. added a crow, a theme plaque, and staffed the booth both October 4 and 5. Lots of people helped. Jesse Calleros, Roger Nahas, Rob Askegaard, and Bob Voss staffed the booth; Bob Goff's wife Marie, a teacher, was also very active and helpful in staffing the booth. The two high school helpers were Elias Garcia and his sister Jessica Garcia. Both quickly came to be very proficient with decorating, adjusting, and showing guests how to fly the gliders. They both expressed interest in the activity and began to successfully create their own designs. Bruce Schaefer, Henry Smith III, Jim Sonnenmeier, and Ted Broberg gave free dual-control lessons at our field.

At the conclusion, HSS won in the "People's Choice" category! John said we had obtained lots of good P R from this, and we've been invited back for next year. Ted would like to add a "junior pilot" trainee to our display next year, and maybe use different clothes. Tess and Dixon are our OCME contacts. Tess would like the scarecrow to be a girl next year.

A brief article with photos can be found in the Daily Pilot newspaper that references Harbor Soaring Society's participation. The date of the print issue is not available, but the article is on line at

<http://www.dailypilot.com/news/tn-dpt-me-1005-scarecrows-20141004,0,933572.story>. In addition, Ralph Ranelli took some HD aerial photos. Maybe these can be shown at a general meeting. We might also add that the very busy OCME and Historical Society staff were friendly, helpful hosts who quickly responded to our various needs including benches, pop-ups and ac power for our flight simulator. Going forward we should continue to grow good working relationships with them.



The Great Pumpkin and Scarecrow Festival (Continued)

The following photos were provided to your editor, but unfortunately do not include names of everyone.

At right is Vince San Filippo and his family delivering the scarecrow they made to John Anderson.

Below is the OC Register photo that appeared in the Daily Pilot.

Below right is the HSS booth.

Bottom left shows some of the participants working on flying pumpkins.

Bottom right is John Anderson receiving the award for "Peoples Choice" scarecrow.

Photo credits go to Ted Broberg except for the OC Register photo which came from the OC Register internet site, and bottom left taken by Rob Askegaard.



Model of the Month

Our Model of the Month is a British Grainger "Archaeopteryx" built from a Stevens Aero (US) kit, by Henry Smith IV. It has a 40" span, and full flying ailerons which provide the reflex needed for flying wings, and also lateral control. Yes, it flies.

Photo credits go to our club photographer Rob Askegaard. Thanks, Rob.



Preserving the F9-F at Lyons Park

At a recent meeting of Costa Mesa's Military Affairs Team, chaired by Councilwoman Wendy Leece, and attended by John Anderson, one agenda item was the refurbishing of the concrete-covered Panther Jet at Lyons Park. (yes - beneath its concrete skin is an actual plane!).

The Chair and various fellow members suggested to member John Anderson, that this might be a very appropriate project for the Harbor Soaring Society - an offer that John couldn't refuse!

So on Friday October 17, John Anderson and Henry Smith III joined other volunteers including Al Bernstein, a retired Navy aircraft mechanic, Theresa Drain, Military Affairs Team and project leader, Costa Mesa Police Sergeant Stephan Bakkila (a Army Reserve Colonel). The task was to put Quikrete in the cracks; sand smooth with a pumice block, and roll paint on this "full-size static scale model". It was finished with the actual color and markings of the original plane. This plane has a very interesting and entertaining story with connections to model aviation - a story which hopefully will be told by a special guest speaker at a near future club meeting.

Below are two photos of this community service task provided by Henry Smith III. Thanks, Henry.



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

SC2 Competition Results for October 26, 2014

Results of the October 26, 2014 Southern California Soaring Clubs (SC-2) competition hosted by Torrey Pines Gulls (TPG) had not been posted as of our newsletter deadline.

Help for the Costa Mesa Fire Department

On Thursday, October 9, John Anderson and Ralph Ranalli met with Costa Mesa Fire Chief Dan Stephano. The purpose of the meeting was to introduce the Chief to the prospect of using radio-controlled model aircraft in various ways to support public safety activities. This initial hour-long meeting was mutually informative and positive. More on this in the next Plane Rap.



Another Model of the Month

Lots of really great models this month!

Below left is Gary Gullickson holding his built up 1937 Stinson SR7 Reliant short kit from Pat Trittle. This has a 59" span and a Scorpion 3008-32 motor. Below right shows the beautifully detailed interior.

Rob Askegaard really took some great photos. Thanks, Rob.



Meeting With the City Concerning US Fish and Wildlife Service

Richard Odle has taken it upon himself to interface with the City of Costa Mesa concerning continued flying at Fairview Park, especially in light of the Fish and Wildlife Service and the problems they are introducing. Dick arranged a meeting with Bart Mejia, and was supported by Ted Broberg, Jim Sonnenmeier and Bruce Schaefer. Here is Dick's report.

Today (September 17, 2014) we had a very successful meeting with City of Costa Mesa senior staff (Bart Mejia and Robert Staples) regarding continued glider flying at Fairview Park. While focused on glider flying, we discussed powered flight as well. This discussion was based on the US Fish and Wildlife Service (Service) letter of JUL 28 2014 previously referenced by Jim Sonnenmeier, which can be found here:

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

Though scheduled for an hour, the meeting lasted an hour and a half. We now have full support of staff and will be included in future meetings as the city contracts with biologists for their response to the letter. Together we hope to provide a unified and compelling message to the Service regarding the benefit of the Harbor Soaring Society within the community... and continued glider flying at the park!

I thank my colleagues: Ted Broberg, Jim Sonnenmeier and Bruce Schaefer for their support and value at the meeting, and to all who contributed valuable thoughts beforehand... and to Doron and Tom Vincent for their effort making the winch launch video. Great team guys!

On October 21, Dick provided the following status update.

Heard back from Bart Mejia, Senior Engineer at City of Costa Mesa, regarding status of process with the Service and their letter (of) requirements at the park for fairy shrimp habitat protection. He indicated the selection and hiring of a consulting biologist to represent the city is in final stages.

There will be a kickoff meeting with same after which we will be scheduled to meet with them. Once we find unity in a position we will be scheduled to meet with the Service to make our case.

I suspect the city is waiting until after the election to pursue this important issue as politics will likely play a role in final decision making.

Thanks to you Dick, and your HSS team, for pursuing these concerns. We look forward to hearing further reports as more progress is made.

New Fliers

Ted Broberg has provided photos of several new fliers seen at the field lately. At left below is a photo of Vince San Filippo with Katie, his grand-daughter, soloing a CESSNA 182!

Ted Broberg also provided the following note. Today I met YURIY LIEB (below right), and helped him set up his RADIANT and radio. Then we did a few lessons with the HSS RADIANT, with the Buddy Box. He learns very quickly, and asks thoughtful questions. We welcome him to our flying site. He already has his Park Permit, and is planning to join HSS.



Seen Around the Field

Here is a fresh collection of planes our members are flying.

At right is Gary Baldwin and his Bixler with a pusher motor. Below is Ross Thomas holding his 1937 'Long Cabin'. First built in 1976 for 1/2 A gas, now with 2812 Himax motor.

The other two photos are of Jose Velarde's scale foam Corsair by FMS. It has a 67" span, and the photos by Rob Askegaard make it appear very realistic.

Thanks rob for all the photos.



Fifth Annual West Coast Big Jolt Electric R/C Experience

October 25-26 2014 **Prado Airpark, Chino, CA**

5th



Annual

Open to all Electric Aircraft & EDF Jets

***Premier Flying Site**

***Beautiful 800 x 60 ft. paved runway
with large unobstructed over-fly**

***RV Dry Camping @ field \$10 a day**

***Electric Vendors**

***Food on Site**

***Night Flying**

***Saturday Night Banquet**

***General Public Raffle**

***Sanction # 1934**

an AMA Sanctioned Event Hosted by The Pomona Valley Model Airplane Club (PVMAC)

For details, please visit: www.pvmac.com

First 50 Pre-registered get a FREE Event Hat.

Pre-reg. = \$25.00 @ field Reg. \$30.00

cd Randy Wilbur rwilbur@videotecheng.com / Joni Whitsitt whitsittjo@gmail.com

(949) 683-9662

(714) 396-2523

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.

HSS Membership

Our 2015 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 15 of this newsletter.

Multi Rotor Competition

As previously mentioned, we share newsletters with other local clubs. Here is a great idea received from Steve Belknap, editor for Silent Flyers of San Diego.

MULTI ROTOR COMPETITION (This must be a first? - Ed.)

Events include FPV and Line of Site racing, Auto Land Challenge, and Obstacle Course.

One might add Find the Lost Plane (or child), GPS Survey, and other ideas.



Student Instruction

Ted Broberg continues with his student training. Our photographer Rob Askegaard took this great photo but did not report the names. Next time?



Seen Around the Field

At right is Dave Whittington with his New Timer.

Below is Arnel Nagel's Park Zone Hawker Hurricane.

Below right is Kenny Blasius' "Baby Ace", 102" span, 6s battery, Super Cub wing, scratch built fuselage and tail, 10 lb, Ultracote covering.

Again, thanks to Rob Askegaard for the photo and information. - Ed.



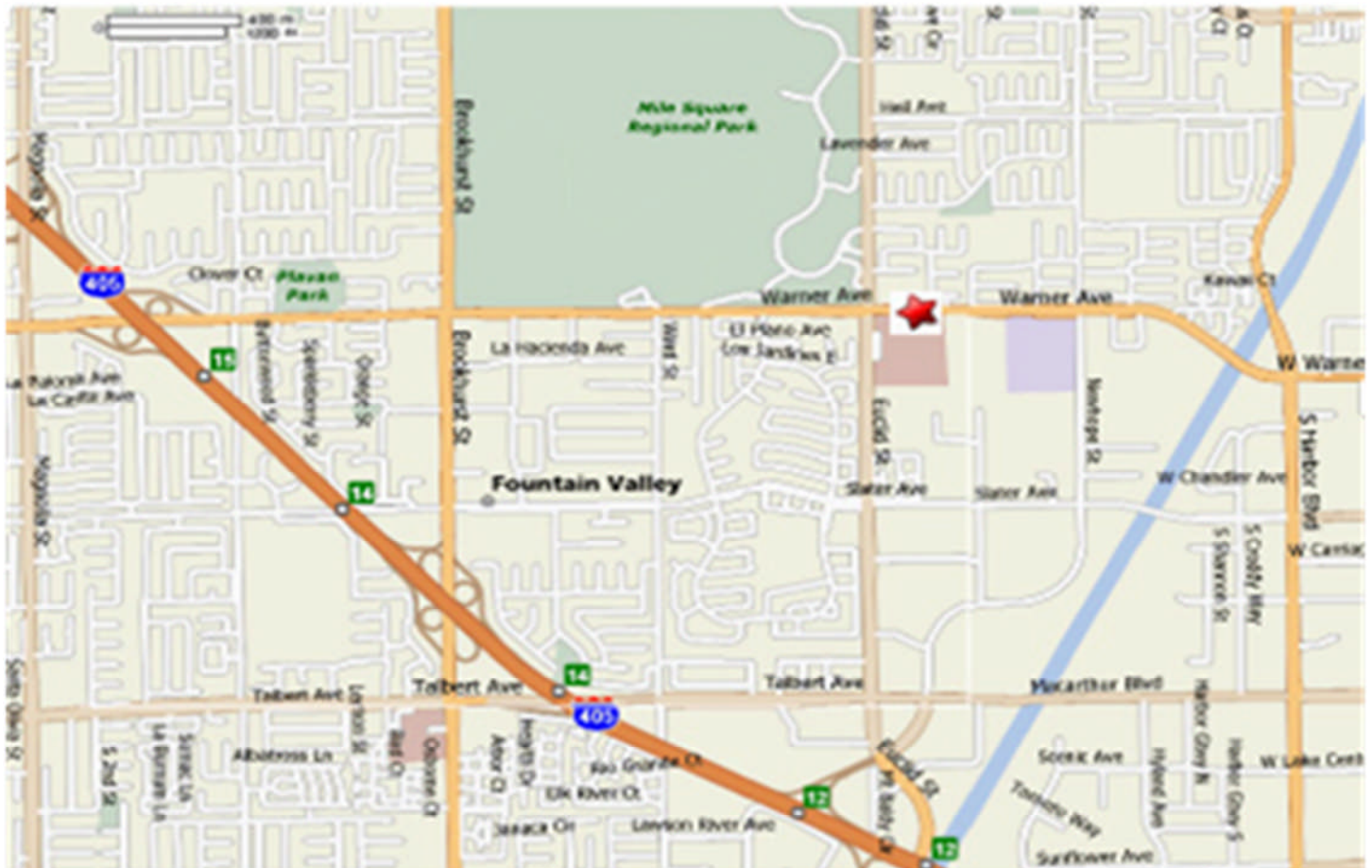
Photos of Your Planes

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 November 4, 2014

Our monthly general meeting will be held on the first Tuesday, November 4, at Round Table Pizza, 11095 Warner Ave. & Euclid (North-east corner) in Fountain Valley. Meeting time is 7 PM. Phone number is (714) 839-0276. This meeting will be the election of HSS officers for 2015. 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. We expect Frank Colver to give a talk on HSS history. Time will be allowed for show-and-tell of your favorite plane. Bring your wife, family, and friends. There may be a raffle, and ticket sales will be made for the Super Raffle planned for the Christmas Party. See item descriptions listed on page 18. The location is shown below.



Raffle Prizes For The Rest of 2014

Raffle prizes for the November meeting are undefined as Ted Broberg has been on vacation. However, here is the flyer for a spectacular end of the year Super Raffle.

HARBOR SOARING SOCIETY's SPECIAL PRIZE RAFFLE!

Thanks to a generous donation by an HSS member, we are having a Special-Prize raffle -- in addition to our regular no-cost monthly raffle. Tickets for this one-time-only raffle will have a cost:

\$5 per ticket, or 6 chances for \$25.

Proceeds to go into the HSS club treasury and Intro Training Fund.

Tickets may be purchased from any club officer. See our November PLANE RAP newsletter's last page, or see below for list of officers and phone numbers.

WINNERS' NAMES TO BE DRAWN AT OUR DECEMBER DINNER MEETING.

WINNERS NEED NOT BE PRESENT IF THEIR TICKET HAS THEIR CONTACT INFORMATION.



Prizes include:
One of two HENG LONG
TIGER I
R/C TANKS:

One E-flite BLADE SR
21.8" rotor ELECTRIC
HELICOPTER

PRIZES MAY BE VIEWED AT OUR NOVEMBER 4TH CLUB MEETING, and will be awarded at the December meeting. See PLANE RAP newsletter for time and location. (1hss.org)

CONTACT ONE OF OUR OFFICERS FOR INFORMATION
OR TICKETS.

Pres. Jesse Calleros: 714-543-0581

Vice Pres.: Henry Smith III: 714-322-6537

Treas.: Jim Hanson: 949-294-8365

Editor: Fred Hesse: 714-963-5838

Secretary: Ted Broberg: 714-235-6430

AMA Expo 2015

The 2015 AMA Expo is coming, and our District X Vice President Lawrence Tougas will conduct a District X Membership Meeting on Saturday January 10, 2015 in Room 100 A/B at 1:00 PM. Check www.AMAexpo.com for more information and advance ticket purchases.

JANUARY 9-11, 2015

ONTARIO CONVENTION CENTER,
ONTARIO CALIFORNIA

Friday 11am - 5pm

Saturday 10am - 5pm

Sunday 10am - 4pm

All Advance Tickets purchased will be available at Will Call the days of the show

Ontario Convention Center – Ontario, California

Friday, January 9, 2015 11am – 5pm

Saturday, January 10, 2015 10am – 5pm

Sunday, January 11, 2015 10am – 4pm

Tickets**At the Door****Advance Purchase**

One Day Pass \$13 AMA & EAA Members/\$15 Nonmember \$10 Member/ \$12 Nonmember

Two Day Pass \$24 AMA & EAA Members/\$28 Nonmember \$18 Member/ \$20 Nonmember

Three Day Pass \$33 AMA & EAA Members/\$36 Nonmember \$24 Member/ \$28 Nonmember

Youth Pass(13-18 years) \$5 per person – includes FREE AMA/EAA Membership

Kids 12 and Under are Free

Active military with ID, Civil Air Patrol Cadets, Boy Scouts, Girl Scouts, Sea Cadets etc...enter for free

F3J Glider Competition

Tuan Le has invited our soaring enthusiasts to an F3J glider competition at the Inland Soaring Society field. Practice on Friday Nov 7, and competition on Nov 8-9.

Hello All Fellow RC Soaring Enthusiasts!

I know this is on somewhat of a short notice, but F3J is coming to Southern California.

On Nov 8-9, with help from members of the Inland Soaring Society, we are hosting an F3J contest in Perris, CA.

New to F3J?

No Problem. Come out Nov 7th, Friday afternoon and we will have winches setup to help dial in your plane for safe, yet competitive launches. We'll do a few 5 min "test" rounds to help you get the flow of things.

This format features a man on man, simultaneously mass launched flying in a 10 minute working window for the preliminaries.

More details will be made on www.F3xevents.com and <http://www.rcgroups.com/forums/showthread.php?t=2260424>

Mark your calendars and see if you can come out to enjoy some serious yet fun competition.

Thanks!

Tuan



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

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)).

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 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

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All HSS Club members with proof of club membership, will get a 10% discount on most parts and accessories. Discount does not apply to plane kits, helicopter kits, radios, and other already marked down products. Please ask staff if you have any further questions.

Robsrchobbies.com

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HARBOR SOARING SOCIETY MEMBERSHIP APPLICATION FOR 2015

**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. Identify future interests with letter F):

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. Applications for senior membership between July 1st and October 31st pay a reduced rate of \$10 (Name Tag extra). A signature is required from all Harbor Soaring Society members, and applicants, agree 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: 22 Oct 2014





CLUB MEMBER NEWS

★ New Products ★ Deals ★ Events ★ Coupons ★

NOV.
2014



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And Sign Up! You Must
Include Your Zip Code

**SIGN UP, GET A \$10 OFF
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79⁹⁹

*These coupons valid Nov. 1 through Nov. 30, 2014
-- Retail store sales only, must present coupon at time of
purchase for discount. Cannot be combined with other offers.

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hobbypeople.net



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 NOVEMBER 4, 2014, AT ROUND TABLE PIZZA, 11095 WARNER AVE.
HUNTINGTON BEACH, GENERAL MEETING 7-9 PM. COME AND ELECT YOUR HSS OFFICERS.**
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 17.
SEE THE COLOR NEWSLETTER SENT BY E-MAIL AND AVAILABLE ON OUR WEB SITE.

