



## 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 since 2011

April 2014

HSS IS NOW 50 YEARS OLD!

Volume 51

### RCX EXPO - RADIO CONTROL AND HOBBY EXPOSITION

May 17 – 18 at Orange County Fairgrounds.

HSS will maintain a booth. Your assistance is needed. See Page 4.

#### Plane Rap Index

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#### Coming Events and Soaring Competitions

April 2014 – June 2014

- Tuesday April 1, 2014. HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. General meeting, 7 PM. See details on P.7.
- Sunday April 27, 2014. Third SC2 competition. Hosted by SULA. See P.6 for details or go to <http://sc2soaring.com> for details.
- Tuesday May 6, 2014. HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. General meeting, 7 PM. See details on P.7.
- Sat.-Sun. May 17-18 2014. RCX show at Orange County Fairgrounds. HSS will have a booth. See page 4 of this issue or [www.rcx.com](http://www.rcx.com) for details.
- Sunday May 18, 2014. Fourth SC2 competition. Hosted by DSH at TPG. See P.6 for details or go to <http://sc2soaring.com> for details.
- Tuesday June 3, 2014. HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. General meeting, 7 PM. See details on P.7.



**General Meeting Minutes for March 4, 2014**

I. GENERAL MEETING: Meeting was called to order at 7:07 p.m. by President Jesse Calleros. Also in attendance: Vice President Henry Smith III, Treasurer Jim Hanson, Secretary Ted Broberg; Ross Thomas, Dave Whittington, Bob Voss, Mike Fox, John Anderson, Jeff Greene, Sid Hood, Larry Koch, Kevin Koch, Joe George, Joni Whitsitt, Chris Greenshields, Ralph Vargas, Doyle Patten, Bryan Schoenly, Gary Baldwin, and Mike Greenshields. Session was held at Round Table Pizza in Fountain Valley.

A. Use Agreement request: Tomorrow, Wednesday, March 5, our request will be presented to the Fairview Park Citizen's Advisory Committee. Henry III will run a video commentary.

B. Swap Meet: The City has a moratorium on events at the park for the present. Joni suggested using a church's parking lot. Someone else suggested the parking lot at Hobby People. More later.

C. Moving the benches: We have the permission from the City. Let's do it this Friday. We might use the winch equipment cart. Jesse will bring an air compressor for its tires.

D. SC 2 contests: Thanks to all our glider competitors for representing us.

E. "Member of the Month": Ted Broberg will be featured in April's newsletter. See Page 6 of this issue..

F. RCX: Henry 4 will lead our efforts. Three days: Set-up May 16; event May 17-18, 10-6 and 10 to 4:00. Also needed: help to set up on Friday. Flyers will be available. Judged contests for money prizes. \$10 tickets on line, \$15 at the door. Free admission if you work the booth.

-- Three shifts: Morning, Swing, and Afternoon. **Sign-ups soon.** Event is at Orange County Fairgrounds.

-- If you work the booth, "sell" model aviation to anyone who comes close. (Don't just chat about airplanes.)

G. Henry III: Tomorrow's FPCAC meeting. Neighborhood Community Center, 6:00 p.m. March 5, 2014. If you wish to speak, be respectful. We are requesting a five-year renewal this year, which we had in years previous to 2013. "We are an asset to the park and the community."

H. Jim Hanson: We just got the insurance renewal. It's been given to Robert Staples

I. Thanks and congratulations to Jim Hanson for his efforts in recruiting and renewing members.

J. Henry 4: Unsafe episodes at the field: all of us should help fliers who need instruction.

II. PROGRAM. Chris Greenshields, Hobby People and R/C FLIGHT DECK. Photo of Chris on next page.

A. Michael Krantz is the pioneer of RCFLIGHTDECK, an event registry for model fliers.

B. Chris made a video presentation describing the site. **[www.reflightdeck.com](http://www.reflightdeck.com)** lets pilots fill out their event information prior to the event, free of charge. (Advertisers provide the needed financing.). AMA Rules are on the site. If you sign that, it assumes you have read and agreed to comply to all those rules.

-- Henry III: You can put a control line event on it; anything, even sale items.

-- Chris: You can even arrange for a pit area for a swap meet, etc. The website is very easy to use, with on-screen help while you work it. You can use it to recruit volunteers for your events. Hotels and locations in the region of your event may be shown.

-- Planning your events will be much simpler with this. Registration can all be taken care of the day before, so you aren't filling out all your information while you're getting your plane and site set up.

-- Henry 4: "I'll put our RCX booth information on it, and we can use it to publicize our swap-meets, fun fly, and more."

-- Henry III: We have to join this, to make use of it.

-- You can arrange for sponsors to help with your event through this.

-- Jim Hanson gave Chris an email contact so Chris can give Jim the needed information for us to sign up.



**General Meeting Minutes for March 4, 2014 (Continued)**

III. **SHOW AND TELL:** A. Ross Thomas: V-Tail "WAR EAGLE, " made ten years ago. He wanted a V-tail for RES contests. He's had wing-rod problems; aluminum, carbon, failed; then hard steel. We'll see. John A. suggests a wire tensile member, under the fuselage (flying wires). Henry III says that would double the drag! Many other opinions were contributed.

B. Jim Hanson: Simple Quad 'copter: four blades, V-tail: two motors are set at 30 degree angles. All wood. Motors are held on with tie-wrap, to reduce damage on hard landings. KK2.1 control board. Camera can be mounted on it. Jim and his quad-copter shown below.

C. Mike Fox: For sale, small motor-glider.

**IV RAFFLE:**

PRIZES	DONOR	PRIZE WINNERS
-- ELECTRIC AIR BOAT w/ESC, motor,	FAMILY OF DWIGHT CARRITHERS	Mike Greenshields
-- SLOW STICK, kit	FAMILY OF DWIGHT CARRITHERS.	Joe George
-- 40" CITABRIA kit	FAMILY OF DWIGHT CARRITHERS.	Chris Greenshields
-- "ZERO" airplane, shell; "no guts."	GLENN & ROBBIE ROBISON	John Anderson
-- BATTERY BAG	HOBBY PEOPLE, FOUNTAIN VALLEY	Henry Smith III
-- TWO SERVOS, HP A9	HOBBY PEOPLE, FOUNTAIN VALLEY	Mike Fox
-- KWIK #1 CA GLUE	HOBBY PEOPLE, FOUNTAIN VALLEY	John Anderson
-- KWIK #2 CA GLUE	HOBBY PEOPLE, FOUNTAIN VALLEY	Bob Voss
-- Two standard servos	Mike Fox	Kevin Koch
-- 2 X 4 glider	Ross Thomas	Jesse Calleros

MEETING ADJOURNED AT 8:30 p.m.

. Respectfully submitted, Ted Broberg, Secretary



Speaker Chris Greenshields of Hobby People.

Jim Hanson and his quad-copter, part of Show And Tell.



**President's Message**

We are pleased to return to the tradition of a President's Message. Many thanks to Jesse Calleros.

As vice-president last year was a challenging one, some challenges were met and some were not.

I am working towards having a better year as the club's president.

I have much to learn and I am counting on membership assistance and participation.

We have events coming up that can and will be a great thing for Harbor Soaring Society,

Participation will be the key to success.

The field clean-up day in February is a good example. A lot was done in a small amount of time due to the large turnout of club members. Thank you all.

If you are able, please be involved. Harbor soaring Society will be a better club and you will have more fun with model aviation because of your participation.

**Keep flying and having fun**

Jesse Calleros - President, Harbor Soaring Society

**General Director's Message**

Likewise, here is the monthly General Director's Message from Henry Smith III.

In January HSS members attended a meeting of the Orange County Parks Commission and learned the plans to build a Regional Park in the Tustin Dirigible hangars is still ongoing. The winter collapse of a small part of the hangar roof has delayed this project but the Navy has retained a contractor to estimate the cost of repairs and OC Parks is moving along with park plans. HSS hopes to be allowed to fly indoor models in the hangars after the park is complete sometime in the next 5 or 7 years.

HSS is also in the process of obtaining our renewal to fly R/C in Fairview Park. Club officers recently attended a meeting of the Fairview Park Citizens Advisor Committee (FPCAC) when we asked for a 5 year extension of the current permit.

The next step in renewal is for HSS to go before the Costa Mesa Parks Commission where renewal or our permit will be recommended by the FPCAC will be presented to the commission by city staff. At the moment HSS uses permit recommendation by staff is only for one year. HSS leadership is attempting to have this increased to 5 years.

The next Costa Mesa Parks & Recreation Commission meeting will be on 27 March at 6:00 pm in City Council Chambers. We urge any HSS members who are able to attend this meeting to do so. Any members who speak at the above meeting should politely ask for a 5 years renewal.

Henry Smith - General Director

**RCX EXPO**

Radio Control and Hobby Expo.

Event Times: Saturday May 17th - 10am-6pm & Sunday May 18th - 10am - 4pm

Event Location: OC Fair and Event Center. 88 Fair Drive, Costa Mesa CA.

Tickets: Advance Purchase, \$10. At door, \$15. Children under 12, Free.

Parking: \$7.

See comments in March 4 General Meeting Minutes above. HSS is planning a booth. Admission is free to HSS members who help with the booth. Check out [www.expo.com](http://www.expo.com).





**More Community Service**

Here are club members Jesse Calleros, Jose Velarde, Ted Broberg, Kevin Koch, and Ron Bulsombut, all shown at right in no particular order.

The big effort was to relocate two very heavy picnic benches to our pit area.

Photos courtesy of Rob Askegaard. Thanks to all.

**Student Training**

Ted Broberg, our Member of the Month, and always ready flight instructor is shown with Jim Hinshaw using the club Radian (right) and Wafig Frihat with a cub trainer (far right).

Many thanks to Ted for keeping the hobby alive with new pilots, and to Rob Askegaard for all the photos. - Ed.



**Member of the Month**

We are introducing a new feature called "Member of the Month" which is intended to give background on some of our more illustrious members. For a starter, here is Ted Broberg who is our most dedicated flight instructor. Small wonder, Ted is a retired grammar school instructor, and we all have seen the bumper sticker "You can't scare me, I teach school". So, here is the interview of fearless Ted Broberg. Remember, you may be next.

1- How many years have you been a member of HSS? **I joined in 2005.**

2- How long have you been flying rc? **I flew control-line in Jr. High, then stopped until my son was 12. Then we both flew Cox .049 control liners and my old Madewell 49-powered slug until it blew out of a wing-over and landed in kit form. My wife and I started building a GENTLE LADY for her, and a 2-meter BIRD OF TIME for slope-flying on the cliffs of Ocean Blvd. in Long Beach, in the 1980's.**

**The big change for me was in the early 2000's, after I heard Alex Trebek ask a contestant what he did for a living. He designed model airplane motors. Alex said, "Gas motors, then?" "No," said the contestant, "they're electric, and very powerful." I gasped, and went out and bought "a good beginner's plane" at Harbor Freight. It was their \$30 YELLOW BEE: two motors, no rudder, no elevator, no ailerons; a one-channel radio that was supposed to cause the plane to climb, descend, and turn right and left. DISASTER! It'd take an expert to fly the rotten thing! Then a guy at a hobby store put me onto an EASY STAR, and I could FLY! Shortly after that, I met Ross Thomas, who lived just three blocks from my house, and he got me started in sailplanes with a 3-meter GNOME. Anything I've learned about building strong gliders I've learned from Ross. I've added a number of planes since then, both sailplanes and powered planes.**

3- You are an instructor for the club, how many flyers do you estimate you have trained? **I've given introductory flights to dozens of people, young and old. But actually trained to the independent level? I'd say about ten. I'm not a very skilled flier, but I have time, planes, radios, and an AMA instructor's license. And I love to teach.**

4- What are your favorite planes to fly and do you build? **Favorite planes? The TELEMMASTER that Bob Shourt sold me is tops. But I mostly fly RADIANS, a SUPER CUB that Ralph Chamberlin gave me, a Taft CESSNA 182, and a Multiplex FUN CUB as intro trainers. The club's MAGISTER gets a lot of air-time, too. My favorite sailplanes are the DANNY that Bruce Schaefer sold me, and the 3-meter BIRD OF TIME that the TELEMMASTER tows, when Fred Hesse or Henry Smith can give me a tug. Do I build? Yes. I've made a THUNDERBOLT, two GNOMES, an L-19 that Henry 4 gave me, and two or three of the little "FLIER ON A WIRE" dynamic simulators that we've used at the Orange County Fair and elsewhere to give kids (and some moms, dads, and grandparents) a taste of R/C flying. Most of my training stuff is foam. They're quicker to repair after those "unexpected landings." Oh, I have a couple of indoor things (VAPOR, from Jim Ward, and a Dr -1, from Henry 4, plus some small helis and quads.**

Thanks Ted, it is great to have a little insight into some of our more prominent club members. More to come.  
- Ed.

**SC2 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 27, 2014 Hosted by HSS

August 17, 2014 Hosted by SWSA

September 21, 2014 Hosted by TOSS

October 26, 2014 Hosted by TPG

November 16, 2014 Rain Date

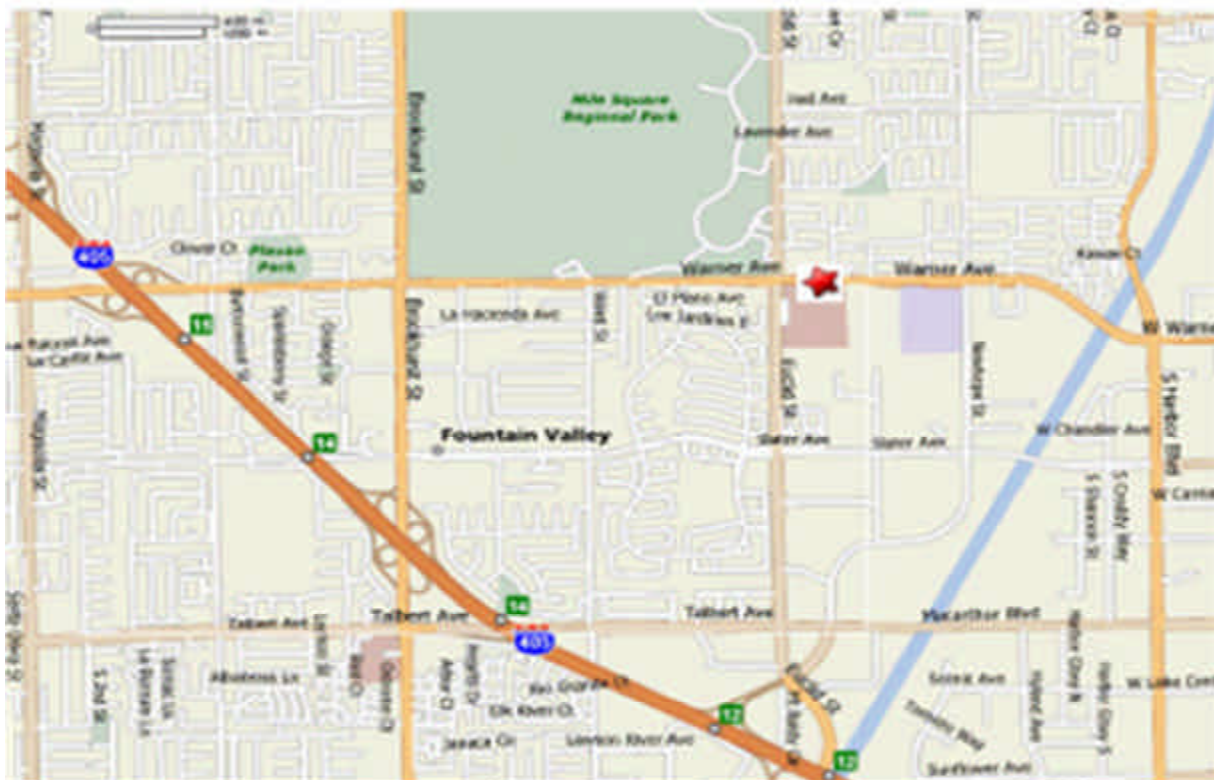
December 2014 Mark Child Toys for Tots Hosted by SULA and DSH





**General Meeting Announcement For April 1, 2014**

Our monthly general meeting will be held on the first Tuesday, April 1 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 at the bottom of this page. The location is shown below.

**Raffle Prizes For April 1, 2014 Meeting**

We wish to express our thanks to Steve Friel for his generous donation of several model planes and radios to our stock of raffle prizes. Also to Dennis Anderson. Thanks. The raffle prizes for the next meeting will include SIG Riser, glider from Steve Friel (below left). E-Flite Leader 480 ARF, Dennis Anderson (below right). Radio Shack Soldering Kit, Steve Friel. Spetrum DX5e Transmitter, Steve Friel. Wattage PF-12 AC/DC Charger NiMH & NiCad; anonymous



**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](http://www.modelaircraft.org) and update your personal information. It is important for all of us to support the AMA especially in this endeavor.

**Silent Electric Flyers of San Diego**

Check out the SEFSD Feb/Mar 2014 newsletter called Peak Charge by editor Steve Belknap which can be viewed on line at [www.sefsd.org](http://www.sefsd.org). Their new president makes an excellent message on club activities, a great explanation on dirt runway maintenance, and check out their indoor site at Alliant University. Great newsletter.

**2014 City Flying Permits Available Now**

A permit to fly radio-controlled model aircraft is required to operate model aircraft at Fairview Park. 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), 3<sup>rd</sup> 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 Field Rules which are all posted at Fairview Park and on our web site at [www.1hss.org](http://www.1hss.org). You do not need to be a Harbor Soaring Society member (but it is good to have you join us).





**Seen Crashing About the Field**

We are all concerned about flying safety at our field. In general, our pilots are careful, and comply with our field rules. However, on occasion there can be a problem. The following accident was reported by Ted Broberg.

On a recent Saturday, with well over a dozen pilots taking turns in the air, one of our intro-pilot instructors was helping a beginning pilot with taxiing and taking off. The two were using two DX 7 transmitters as a Buddy Box, on a 48" Hobby Zone SUPERCUB. The instructor called out, "Taxiing out, right to left," and had the student pilot start to motor the plane out to mid-field. At about 12 feet onto the runway, another pilot called for a landing. The instructor zeroed his throttle and switched the transmitters back to his own, stopping the plane a few feet past that. The second pilot, flying a very nice AT 6, made a beautiful high-speed landing, with a long roll-out...center-punching the SUPERCUB and blowing it into several pieces. The TEXAN pilot said his plane had little damage, and the two shook hands with apologies from both.

Back at the 'CUB's home, the fuselage was re-adhered with foam-safe CA, "FOAM HOME," and other Silicone adhesives, with a bit of wire and thread and CA to repair the one broken wing-strut. Silicone also stuck the battery-box and landing-gear assembly back in place, and attached the motor-mount back to the fuselage. That plus a bit of "cut-and-paste" and a new \$4 cowling put the old CUB back, ready to fly. Surprisingly, the prop was fine.

This incident was observed by Henry Smith III who adds the following comments.

A. The yellow airplane was a T-34 Mentor.

B. In my view, the T-34 pilot could have easily avoided this collision by turning in either direction. Also he did not land anywhere close to the centerline.

You could have just taken off straight out and been out of the way but this is not really correct procedure. In future if you are in a similar situation and someone calls landing you should let the other pilot know you are on or near the runway. Similar to flying a full size airplane at an uncontrolled field, everyone needs to follow the rules and announce their intentions. Unlikely to happen at Fairview but we can all dream.

C. Classic case of a sequential series of errors, mostly on part of T-34 pilot who has a tendency to land too fast and more or less anywhere.

**2014 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](http://www.1hss.org). Note that both HSS and AMA memberships initiated between November 1<sup>st</sup> and December 31<sup>st</sup> are good for the last two months of 2013 and all of 2014. 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](http://www.modelaircraft.org), download document No. 902 from the publications page. Or you can apply on line. If you renew your AMA membership online, be sure to print the receipt that they provide as proof that you paid. And, don't forget your City of Costa Mesa Flying Permit. Details are shown on page 8 of this newsletter.

**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](http://www.ama10.org). Why not consider helping your district with its website.



**First Person View Flying**

First Person View Flying (FPV) is the new rage for radio controlled model aircraft. To participate, one needs an RC plane, a video camera on the plane, a video transmitter on the plane to down link what the camera sees, a receiver and display for the pilot to observe, and a friendly assistant who acts as a spotter. The pilot flies the plane by what he sees in his display, as if he were in the model aircraft. The Academy of Model Aeronautics (AMA) is coordinating this type of flying with the Federal Aviation Authority (FAA) and is developing a set of rules and safety standards that must be observed. Several HSS members are actively involved with this new sport. Contact Joe Kasin or Jim Hanson for introductory guidance.

Because this is a new variation to our hobby, everyone is loaded with questions, and AMA is striving to provide answers. Below is the introduction to a ten page overview written by Patrick Sherman, as featured in the April 2014 issue of Model Aviation. The article is too lengthy to reproduce here, but will shortly be included in the Technical section of our club web site at [www.1hss.org](http://www.1hss.org) . Alternately check out AMA's Model Aviation magazine.



*An overview for those wishing to fly from the cockpit*

*Written by Patrick Sherman*

*As featured in the April 2014 issue of Model Aviation.*

The development of FPV, or First-Person View, during the past few years has drawn many new people into model aeronautics, including me. This surge of interest and enthusiasm has brought a new vitality to the hobby—new ideas and a new sense of mission that will ultimately transform RC flying and society. Of course, enthusiasm is no substitute for technical skill and many newcomers don't know the difference between an ESC and an EC-5 connector.

Here at the Roswell Flight Test Crew, one of our primary goals is to teach people how to build their own FPV platforms. Because most of them fit into this novice category, we usually spend more time talking about how to build and fly aircraft than we do discussing the actual FPV systems.

When Editor-in-Chief Jay Smith of Model Aviation asked me to put together a how-to article about FPV, I jumped at the chance. As AMA members, you already have building and flying abilities, so I can skip straight to the fun part!



### Real Planes at Chino

Our club photographer, Rob Askegaard loves the full sized aircraft almost as much as the models. Thus, he dedicates a lot of his time out at Chino airport, where he has an annual membership to their museum.

Recently, he was out there when they were unveiling their beautifully restored Douglas SBD Dauntless.

By coincidence, he was able to obtain several photos of Marine Corps S/Sgt Sid Zimman of VMSB 341, a gunner on an SBD, who saw much action in the South Pacific in WW II. The bottom two photos shows Sid behind the guns, and his very proud family.

Thanks Rob for the great photos. - Ed.





**Real Planes at Lyon Air Museum**

Next, Rob visited the Lyon Air Museum at John Wayne airport. Typical of all photographers, Rob was able to get some beautiful ladies to pose. In this case, we have two former WASP members (Women Army Service Pilots) who flew as aircraft delivery pilots in World War II. They are shown at right. Sorry, no names.

Rob obtained photos of the North American SNJ Texan that was featured and flown, immediately below. Boy, someone really worked out with the "Nevr-Dull".

The best photo is Rob Asklegaard, Tuskagee Airman Bob Friend, and Rob's buddy Haig Yacoubin, at the bottom. Talk about good fortune to be there when Bob Friend was visiting. That is extraordinary!

Thanks Rob for the great photos. - Ed.





**Model of the Month**

Rob Askegaard is especially excited about Bob Goff's most recent creation, an FW-190: Bob and his model are shown at right.

This is built from Cleveland Models plans. It is 1/5 scale, with a wing span of 74". Weight is just under 10 lbs. The spinner is a special design for the German look. It has Robart mechanical retracts, Turnigy Easy Match .60 motor, 80 amp Turnigy ESC, and 6 cell 5000ma battery. Covering is Ultracote transparent painted with Dunn Edwards water base paint sprayed on. Decals are from Major Decal.

The airplane flew GREAT on its maiden flight! Thanks, Rob. — Ed.



**Another Model of the Month**

Gary Gough is shown below left with his very nice foam Waco from ROC Hobbies. Distributor is Motion RC. Lots of detail. Prop has a very scale appearance. Thanks to Rob Askegaard for the great photos. – Ed.





**Seen Around the Glider Field**

Rodney Arevalos flew this beautiful MDM-1 Fox scale aerobatic motor glider. It uses an E-Flite Power 25 motor, 75 amp ESC, 110" span. Rodney constructed the neat dolly for launching. At right is the Fox powering out in a climb, and bottom is an unpowered glide-by.



Below is Erv Szego holding his 3 meter Shadow, which he has been flying very competitively in the Southern California Soaring Clubs (SC-2) events. Below right is Erv doing a trick catch of his glider so as to keep it from getting scratched up by the rocks. What happened to the imitation grass the glider guys had acquired?



Seen Around the Field



Roger Kendig with FMS foam Beechcraft Staggerwing.



Jose Velardi and his E-flite J-3 Cub. 48" span.



Gene Favilla and his foam P-38.



A bunch of biplane's.



Ron Bulsombut and his Multiplex Majister.  
All photos thanks to Rob Askegaard. - Ed.



Henry Smith III's Proctor model of a Nieuport 11. .





### 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](mailto:fhesse@socal.rr.com) with any material that you wish to insert here.

**Flyzone RTF Acro Wot MKII.** Selling with two additional (3 batteries total) higher capacity/output batteries for extended flight time. Lightly used sporty tail dragger electric plane capable of moderate aerobatic flight. This plane is not intended for a beginner pilot.  
RTF Kit cost \$240.00 plus 2 additional batteries cost \$26.00. Total \$266.00, new. ASKING \$175obo, no trades.  
Call or text Kevin at: 951-743-9201

**FEATURES:** Construction: Aero-cell foam with carbon fiber-reinforced surfaces for greater rigidity and truer flight

Wing: One-piece, installs with one bolt

Motor: 30-24-920kV brushless outrunner

Radio: Tactic TTX404 2.4GHz FHSS 4-channel  
With wireless link trainer function, digital trims and servo reverse.

Four AA batteries for transmitter

Electronic Speed Control: 40A

Battery: 11.1V 1800mAh 20C LiPo



### 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>



**Plane Rap Classified Ads and Services**

If you are interested in any of these please send Sanford Bennett an e-mail ([s.a.bennett@netzero.net](mailto: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](http://www.gdhplanes.com) or email us at [LaserCutting@gdhconsulting.ca](mailto:LaserCutting@gdhconsulting.ca).

Regards, Glen Harbottle President GDH Consulting Corp. Tel: 905-668-2326 [glenh@gdhconsulting.ca](mailto:glenh@gdhconsulting.ca)

**HSS Sponsors**

The following companies are the proud sponsors of Harbor Soaring Society. They give us special offers, and make contributions to our Adopt-A-School program. In return, please support them, and mention that you saw them advertised in the HSS Plane Rap newsletter.

## **ROB'S R/C HOBBIES**

**Sales / Parts / Repair**

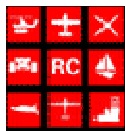
**Radio Control Airplanes, Helicopters, and Cars.  
15071 Goldenwest St. Huntington Beach  
S.W. Corner of Goldenwest & Bolsa Ave  
(714) 372-3777**

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

[Robsrchobbies.com](http://Robsrchobbies.com)

[robsrchobbies@earthlink.net](mailto:robsrchobbies@earthlink.net)



HSS Sponsors (continued)**HOBBY CLUB**

"Only the best from around the World"

Alberto Dona

Director

[www.HobbyClub.com](http://www.HobbyClub.com)

P.O. Box 6004

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(949) 425-1362

(949) 349-0829

[Hobbyclub@earthlink.net](mailto:Hobbyclub@earthlink.net)

<http://www.hobbyclub.com>

**Hobby Club Note:** The new KST DS245H-MG servos to be used with one single lipo cell are in!! Their weight is 9g ea. - Alberto.

**RC Electric Supplies**  
Motors, Batteries,  
Propellers, etc.  
Vinyl Lettering  
Decals  
Carbon Fiber  
Landing Gear

***Competitive Prices!***

**Goat Hill Hobbies & Graphics**

**Jim Hanson**  
331 Hamilton St.  
Costa Mesa, CA 92627  
(949) 294-8385  
e-mail [tog4rc@pacbell.net](mailto:tog4rc@pacbell.net)

**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](http://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):**

<b>Thermal Duration Gliders</b> _____	<b>Slope Soaring Gliders</b> _____	<b>RES Gliders</b> _____
<b>Large Scale Gliders</b> _____	<b>Hand Launched Gliders</b> _____	<b>Electric Motor Gliders</b> _____
<b>Park Flyer Electric Planes</b> _____	<b>Acrobatic Electric Planes</b> _____	<b>Scale Electric Planes</b> _____
<b>Electric Pylon Racing</b> _____	<b>Indoor Electric Planes</b> _____	<b>Electric Helicopters</b> _____

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 1<sup>st</sup> 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** \_\_\_\_\_





HSS Sponsors (continued)



# CLUB MEMBER NEWS

**APRIL  
2014**

★ New Products ★ Deals ★ Events ★ Coupons ★

**HP SPRING INTO ACTION SALE! HP**

**Hobby People Batteries**

**NOBODY BEATS OUR PRICES!**



**11.1V (3S) 2200mAh  
30C Li-Po Battery**  
No. 118387  
Reg. \$16.99

**9.99**

You Save \$7.00 More!



**30C 14.8V 4500mAh  
Li-Po Battery**  
No. 118396  
Reg. \$54.99

**39.99**



**30C 11.1V 1300mAh  
Li-Po Battery**  
No. 118380  
Reg. \$14.99

**9.99**



**EF-16** (No Motor, Fan, or ESC)  
**EDF Foam Kit**  
No. 107311, Reg. \$59.99

**27.81**

BUY NOW, SAVE \$32.18

SPRING INTO ACTION SALE!

**QUAD HQ**

**UdiRC UFO Mini Gear-Drive Quad**  
No. 859008  
Reg. \$79.99

**Now Just 39.99**

**HELI'S F450 Quad DIY Starter Kit**  
You-build-it kit.  
No. 163301  
Reg. \$249.99

**On Sale! 199.99**

**HELI'S APOLLO A1 Ready To Fly**  
Features an integrated flight-control system including GPS, the Apollo has precise Position-Hold, Fail-Safe, Semi-Autopilot, and Return-to-Home functions. Equipped with high-performance brushless motors, ESC and carbon fiber propellers.  
No. 116350, Reg. \$499.99

**On Sale! 429.99**

**Hobby People**

**17 Hobby People Stores To Serve You In Southern California and Nevada!**

**CALIFORNIA:**

El Cajon  
Fountain Valley  
Lakewood  
Murrieta  
Riverside  
**NEVADA:**

Encino  
Hesperia  
Lawndale  
Pasadena  
San Diego  
**Las Vegas North**

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

**Hobby People CLUB COUPON**

SPECIAL OFFER FOR CLUB MEMBERS ONLY

**HP ELECTRONICS**

**30A ESC**  
for Brushless Motors,  
2-3S Li-Po Batteries  
Air/Heli Programmable  
No. 118618  
Reg. \$29.99



**15.50**

**\$14.49 OFF!\***  
With Coupon

Valid April 1 through April 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**    **hobbypeople.net**





## HARBOR SOARING SOCIETY OFFICERS FOR 2013

President	Jesse Calleros	714-543-0581	<a href="mailto:jesscall@sbcglobal.net">jesscall@sbcglobal.net</a>
Vice President	Henry Smith III	714-322-6537	<a href="mailto:henry.smith.3@earthlink.net">henry.smith.3@earthlink.net</a>
Treasurer	Jim Hanson	949-294-8365	<a href="mailto:tog4rc@pacbell.net">tog4rc@pacbell.net</a>
Secretary	Ted Broberg	714-235-6430	<a href="mailto:tbroberg@earthlink.net">tbroberg@earthlink.net</a>
General Director	Henry Smith III	714-322-6537	<a href="mailto:henry.smith.3@earthlink.net">henry.smith.3@earthlink.net</a>
Contest Coordinator	Open		
Safety Officer	Dave Whittington	949-872-0182	<a href="mailto:pincus4iondave@yahoo.com">pincus4iondave@yahoo.com</a>
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Lead Flight Instructor	Ted Broberg	714-235-6430	<a href="mailto:tbroberg@earthlink.net">tbroberg@earthlink.net</a>

See our web site at [www.1hss.org](http://www.1hss.org), our photo site at <http://picasaweb.google.com/rc.goat> ,  
and our YouTube site at <http://www.youtube.com/user/hssletsfly> .

## NEXT CLUB MEETING WILL BE:

**TUESDAY APRIL 1, 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 7.  
SEE THE COLOR NEWSLETTER SENT BY E-MAIL AND AVAILABLE ON OUR WEB SITE.**

