



## HSS PLANE RAP NEWSLETTER

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

July 2015

HSS IS NOW OVER 50 YEARS OLD!

Volume 52

**National Model Aviation Day is Saturday August 15, 2015.**

**Sponsored by Academy of Model Aeronautics for benefit of Wounded Warriors charity. Check with [www.modelaviation.com](http://www.modelaviation.com) for participating clubs.**

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### Coming Events and Soaring Competitions

June 2015 – September 2015

- Sunday June 28. HSS hosts sixth SC-2 event. Held at Fairview Park, Costa Mesa. See [www.1hss.org](http://www.1hss.org) for details.
- Tuesday July 7, 2015. HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. General meeting, 7 PM. See P.15 for details.
- Sunday July 19, 2015. Seventh SC2 competition hosted by ISS in Riverside. See P.14 or [www.glideiss.us](http://www.glideiss.us).
- Tuesday August 4, 2015. HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. General meeting, 7 PM. See P.15 for details.
- Monday August 10, 2015. Fun indoor rubber event at Hobby People warehouse. Sponsored by Scale Squadron. See P. 12 for details.
- Sunday August 23, 2015. Eighth SC2 competition hosted by TOSS, Thousand Oaks.. See P.14 or [www.toss.freeservers.com](http://www.toss.freeservers.com).
- Tuesday Sept 1, 2015. HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. General meeting, 7 PM. See P.15 for details.



## June 2, 2015 General Meeting Minutes

— **GENERAL MEETING:** Called to order at 7:04 P.M. by Mike Fox, Vice President; Also in attendance were Jim Hanson, Treasurer; General Director John Anderson; Club photographer Rob Askegaard; Ted Broberg, Secretary; Sid Hood, Jesse Calleros, Greg and Nathan Stone, Tim Johnson, William Vincent II, Charles and Ralph Siegfried, Tim Johnson, Sylvesta Whittington, David Whitcomb, Bob Voss, John Rittenhouse, Randy Wilbur, Joni Whitsitt, Chuck Billstrom, Roger Nahas, First-Timers Ryan McMeneny and Zach Klein.

### I. Announcements

- A. From David Miller, *in absentia*: June 28 contest has its own page on our website. Get to it by clicking on the banner on the home page.
- B. Ross Thomas: Hospitalized, major heart attack. Defibrillator to be installed in his chest “soon.”

### II. Further announcements:

- A. John Anderson, General Director:
  - IMAGINOLOGY: Fair staff was impressed; many helpers.
  - He’s retiring from his classroom lessons.
  - Columbia Memorial Space Center has invited us to work with them. More from John on this later. See his notes titled General Director Report on a following page.
- B. Jim Hanson: Pay Pal: You may pay your dues with Pay Pal. Don’t be surprised if they add a fee.
  - Remember the glider contest! Sunday, June 28. We need help. Contact Erv Szego.
  - Mike Fox; we got the vests for the Contest officers.
- C. Randy Wilbur: Scale contest in May, and swap meet went well. People from all over took part. Rob A. took photos. Thanks to all who supported this.
- D. Greg Stone: Big event this weekend at OCMA.

III. **Program:** Tim Johnson, (Below) product manager of HOBBY PEOPLE, AND SO-CAL DRONE ZONE Charter member; and an Associate Vice President of AMA; Greg Stone (Below) an Associate Vice President of AMA, OCMA Safety Officer, AND OCRCC President; Nathan Stone OCMA Secretary.



- A. Drones and FPV rules information:
  1. MUST HAVE A SPOTTER.



**June 2, 2015 General Meeting Minutes (Continued)**

2. Plane or multi-rotor must be visible to pilot or spotter at all times. Remind fliers if you see this violated.
  3. FPV is fine right now, with these limits.
  4. KNOW BEFORE YOU FLY document: AMA and Hobby People provide this small flyer. All Hobby People stores and products will have these for distribution. There is a website: [knowbeforeyoufly.org](http://knowbeforeyoufly.org)  
— John A.: the HSS might want to add this to our website.
  - B. They are ready and willing to help us with any questions.
  - C. MULTI-ROTOR aircraft: Tim showed several types of quads and multis.
    1. UDI DEMON BUG quad: good intro to quad flying. (Start flying over grass; keep it close).
    2. UDI SUPER UFO; “the T-28 of multis.” Hovers, does advanced moves; has a camera that records to a chip. (Around \$100 - 130, depending on sale.) 900 mAh battery, about 10 minutes flight.
  - D. H P F-330: You build it from the kit.
  - E. DJI 450: next step up. More versatile
  - F. HEX: You build it out of the box. Can carry two and a half pounds, and fly 5-7 minutes with a 4500 pack. Six arms, more stable camera platform. LED lights available.
  - G. 250-size: smaller ; FPV “RACER” with camera on the front. Smaller parts, more complicated. Can handle telemetry! GPS is coming soon.
  - H. FPV goggles:
 

— Question: Can these quads be used with a buddy box for training? A. Yes, but training is difficult. Work on stationary hover a lot, nose-in pirouettes, nose-out pirouettes...
  - I. Greg: The HORIZON BLADE 350 QX is a great craft.
  - J. IDEA-FLY APOLLO: Purpose-built to carry cameras. GPS out of the box. READ THE MANUAL. 2-axis gimbaled camera that keeps the camera level.
  - K. Idea-Fly IFLY 4S.
  - L. NATHAN STONE: R/C CONTROLS, ROBOTICS: He’s in college developing advanced systems.
  - M. NATHAN/GREG: There are many types of more advanced drones (planes and multi-rotors) as well as commercial applications. Nathan is on 2 teams at ASU that are utilizing advanced flight systems to auto-pilot airplanes and incorporate autonomous payload drops. Nathan also has an internship with a commercial drone company that designs, builds, and tests both aircraft and multi-rotor craft for commercial use in areas such as aerial mapping, pipeline surveying, and surveillance.  
— Tim: We need to bring drones into the fold, and not marginalize them. We’re all fliers.
- DAVID MILLER: CONTACT Tim Johnson TO GRAB INFO ON DRONES FROM Tim Johnson

**IV. Raffle Drawing:**

WINNER`	PRIZE	DONOR
RALPH SIEGFRIED	ER AC/DC ADAPTOR	CARRITHERS FAMILY
ZACH KLEIN	CESSNA 172 PLASTIC KIT	CARRITHERS FAMILY
ROGER NAHAS	CESSNA 210 ULTRA MICRO	FRANK COLVER
JESSE CALLEROS	Battery alarm	HOBBY PEOPLE F.V.
BOB VOSS	Watt meter	HOBBY PEOPLE F.V.
RANDY WILBUR	Thick CA glue	HOBBY PEOPLE F.V.
RYAN MCENENY	Electrifly SILHOUETTE	CHUCK BILLSTROM

- - Meeting adjourned at 8:46 p.m. Respectfully submitted, Ted Broberg, Secretary.



**Discovery Cube Meeting**

John Anderson had arranged for a meeting at the Taco Bell Science Discovery Cube in Santa Ana to consider ways the Club could join with the Center to interest young people in aviation and technology. Here are additional details and comments.

**Discovery Cube meeting. May 29, 2015**

Draft revised minutes by John Anderson

**Background:**

Having seen the recent HSS hosted Aerospace Adventures program at the OC Fair - Pilar Comparan, the Discovery Cube Program Director, invited HSS to meet with her at the Cube in Santa Ana to explore a similar program as part of their forthcoming young Inventors' Summer programs during June and July.

**Minutes:**

Accordingly, a productive meeting was held in the Discovery Cube on May 29<sup>th</sup>. In addition to Pilar Comparan, HSS participants included: Henry Smith, President; John Anderson, General Director; Ted Broberg, Secretary and Dick Baxter, master designer. HSS-invited non-members included: Randy Heydon. Knights of the Round Circle; and Ferrel Papic and Tye McClain of the Rogue Squadron - creative designers and excellent multi-talented flyers.

Pilar opened the meeting, and noted that the Discovery Cube has multiple facilities and programs, some of which may also be appropriate venues. She then described the nature of their interests such as kids being exposed to diverse STEM disciplines and having fun as inventors and makers.

In a prepared response, John, introduced a conceptual two-hour Design. Build, Fly program for 20 students. Program activities could include: Aviation history and aerodynamic theory, paper glider building/flying (based on his new 3x5 index card series), simulators, u-control, and a variety of displays and flying demonstrations. The youths could pick and chose from the various activities.

Dick Baxter, Ferrel Papic, Randy Heydon and Tye McClain noted their respective potential contributions to the event - including rubber-powered indoor free flight, u-control and also micro-RC demonstrations.

Pilar expressed interest in the index card gliders and noted the prospect of printing a logo and such on the paper gliders. John noted that was done on occasion by HSS. Then John gave Pilar a HSS three-fold and noted that HSS offers free flying lessons at Fairview Park - which she might make known to the Discovery Cube visitors. He also noted that local modelers would be interested in flying in suitable venues including the Discovery Cube's new hall - assuming its "flyability" and availability.

The meeting adjourned to the Discovery Cube's new hall - nearing completion - wherein all participants, including Pilar, test flew a variety of gliders, rubber-powered models and RC's. The large space was found to be a potentially suitable indoor site. However it has a relatively low ceiling and there are several interior structural columns - the spacing of which may restrict certain flying modes such as the circle diameter of Randy's popular U-control activity? Nonetheless it is a flyable site, within which Randy and Tye demonstrated amazing 3-D acrobatics as they flew weaving between the columns! After the fun flying - all parties agreed to expeditiously work together and firm up a good summer program!

While looking at a house, my brother asked the Real Estate agent which direction was north because he didn't want the sun waking him up every morning.  
She asked, 'Does the sun rise in the north?'  
My brother explained that the sun rises in the east and has for sometime.  
She shook her head and said, 'Oh, I don't keep up with all that stuff.....'



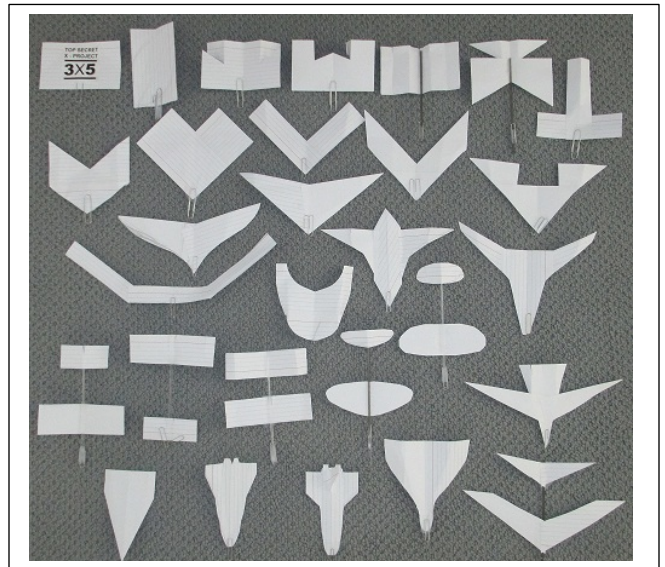


### 3 X 5 Gliders Do It Yourself Designs

Prior to his recent retirement as an educational enrichment instructor, John Anderson, our General Director, developed a number of simple designs for gliders, and rubber, battery, and capacitor-powered models.

Most recently he challenged his young students to experiment with a variety of designs using "3x5" index cards to quickly make and test their own unique glider shapes. Shown at right are some examples.

It worked so well that he plans to explore using educational media to share the technique. He is also evaluating this "on-the-spot" Design. Build. Fly. as a potential Science Olympiad event. Moreover, he encourages all of us to experiment this way - to have fun and stretch our own RC design creativity.



### A Great Idea from Inland Soaring Society

Inland Soaring Society (ISS) of Riverside is one of the major soaring clubs in Southern California. Their newsletter editor, Annette Dora, has shared their June 2015 issue with us, which has an interesting approach to improving club unity.

The club has some of the peculiarities that afflict HSS, in that they are also a soaring club that has grown into a power plane club. ISS has a truly dedicated President, Mike Lee who is one of the top soaring pilots in the United States. He is also passionate about the club and always looking for ways to keep the club running smoothly.

The following is an idea that might be appropriate for HSS.

We had a motion to create the officer's position of Vice President, Electric Squadron Operations. This position is something I wanted to have to assist with the management of the electric contingent within the club. It is one thing to have someone watch over our operations to insure we operate safely and in a responsible manner, and quite another to have someone do the same who may not be recognized as even part of the group. Sailplane pilots must watch their own as do the electric pilots. By having a voice within the electric contingent, ideas, needs, suggestions and safety can be addressed to the special needs of each group as necessary. Mike Lee, ISS President.

### HSS Membership

Our 2015 HSS membership enrollment season is in full swing. Note that the new membership rate of \$25 per year is now in effect. A membership application is included in the last pages of this newsletter. These can be mailed 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 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](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 joined. And, don't forget your City of Costa Mesa Flying Permit. Details are shown on page 20 of this newsletter.



**General Director's Report by John Anderson**

First, I must note my sincere appreciation and respect for our dedicated, hardworking HSS Secretary, Ted Broberg. Hopefully we all share that appreciation and respect. Super job my friend. Let your excellent minutes note our round of applause (enthusiastic membership applause).

Imaginology was just great - great because of the Fair staff, our HSS guys, other club fliers, and our institutional guests. Several heavy-weight institutional guests would have signed on if they were given more lead time.

Meanwhile, we seem to be getting popular in some circles....first we won the Scarecrow competition,; then we got invited to the Fair, at which we we're invited to "perform" at the Discovery Cube. Some participants are already moving ahead - for example Randy is planning a new, lighter, more colorful "flying pizza box" and/or maybe a new U-control? In any case, this should be an "interesting" event! Thanks to all participants for a super Discovery Cube job! As to the prospective Cube event, all participants should have a current AMA ticket. And ... as with Imaginology we will likely need to obtain AMA insurance. More on this later. Please pass around this draft as regards our recent meeting and fly-in with the Discover Center staff. (Draft circulated for info/comments. See other parts of newsletter).

Oh did I mention that in addition, we recently got an invitation to do our thing from one of our Imaginology guests, the Columbia Memorial Space Center - a little aerospace jewel in Downey. More later. At staff's invitation, I visited the Columbia Memorial Space Center on Saturday. Neat stuff, especially the realistic, interactive "Mission Control" and "Mars Spacecraft". Staff seems to want a HSS Mini-Imaginology program. More later.

FYI: This Wednesday is my last "professional" educational enrichment assignment - fittingly a DBF program wrap up. So going, on eighty, it's time for me to retire and do a li9ttle HSS stuff - till the end of the year. It's been a real "fun fly"

Along those lines, after an absence of many years, at the invitation of HSS members Frank Colver and John Rittenhouse, I went hang-gliding last weekend. Saw literally "old" friends & learned by doing - that flying techniques are now quite different than in "my day".

It's great to have this drone program tonight. It's important that we step up to the plate and deal with this new development as it is relevant to safety, education, newbe fliers, City officials, the community, and all of us.

**John's Show and Tell included....":**

- \* Sharing his student class exhibit "Drones at Work" a photo collage of uses such as agriculture, public safety, exploration and entertainment...as supplemental to the preceding Drone presentation.
- \* Giving John Rittenhouse the EAA info exhibit (prepared for and displayed by HSS at Imaginology) for him to share with the EAA and hopefully help further establish a good relationship with them.
- \* Sharing photos and brief description of the Discovery Cube and Columbia Center and anticipated HSS programs.
- \* Presenting an exhibit and brief description of his new educational program using 3x5 index cards to very quickly and inexpensively create a variety of unique glider configurations. A sample glider was successfully demonstrated ( and applauded).
- \* An exhibit and brief description of the historic Otto Lilienthal hang glider meet...and a related book - which he received - having flown in the meet- at the invitation of Frank Colver and John Rittenhouse. (Otto Lilienthal and his brother Gustav were engineers who scientifically studied the flight of birds, built a number of successful gliders, and published a book in 1889 as the founding basis of aerospace engineering).

Middle Age is when broadness of the mind and narrowness  
of the waist change places.



### UAV Team from Fullerton

Ted Broberg has befriended the Titan UAV Team from Cal State Fullerton. They are participating in an international competition involving autonomous flight used in search and observation, which will occur on June 23 in Maryland.

At right is Titan UAV's James Wang, project leader, Geoffrey Machin, Henry Smith of HSS, and pilot Nelson Kays working in a light mist to prep their plane for next week's contest in Maryland. Tasks include simulated Search and Rescue, return to launch area, & develop radio communications telemetry.

Ted reports that the camera is located on the stab, between the two booms. Wiring for the servos and camera are routed through the booms. Good-looking work!

James Wang then provided this link to a video from their autonomous flight today:

[https://www.youtube.com/watch?v=H\\_cQsHM9lyw](https://www.youtube.com/watch?v=H_cQsHM9lyw) . Their

Project Website can be viewed at

<http://ecs/fi;ertpm/edi/~titanuav/>



James Wang was much appreciative for the help from club members at the field, and offered to meet again at a general membership meeting.

Next, James sent a report of competition results.

"Things are going well for us in Maryland! We completed our flight mission demonstration today, so as far as we are concerned, we are basically finished with the competition. We just need to await final results, which will be revealed Saturday night."

"After some issues with an autonomous takeoff, we were able to perform an autonomous waypoint sequence and search pattern without major problems. We did have an issue with the autopilot being nonresponsive to live velocity modification commands through the computer control interface, which caused us to fly a bit slower in windy conditions than we would have liked. On the ground station side, we have been battling connection issues through our multi-laptop setup, and the mission was no exception. However, we were able to improvise and still present the judges with several defined target images."

"We've seen many other teams have issues on the flight line, stemming from programming setup or mechanical failures in their aircraft. All of our issues seemed relatively minor in comparison, as we completed the mission with no damage to the airframe. We received lots of positive comments from the judges on our preparation and organization under pressure."

"We did get the results today, though. We ended up 11th overall, with a 5th place in the flight mission score! We also won \$1800 in prize money! Another great classification was that we were the 4th place US team!"





**UAV Team from Fullerton (Continued)**

Rob Askegaard was able to provide the following photos of the Titan UAV team. Thanks, Rob. - Ed.



The flight test team: James Wang (Project Leader) at the monitor, Geoffrey Machin (Seated), Nelson Kays (Pilot) standing.

Their plane. Note camera on the stabilizer.



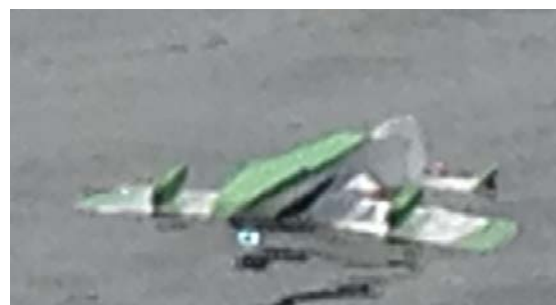
Nelson Kays doing a preflight check.



Launch by Nelson.

**Float Plane Flying**

Henry Smiths III and IV along with Ted Broberg tried some float plane flying at Huckleberry Pond. The report is not comprehensive, but here are some of the results.





**Member of the Month**

Jerry Smith is a very prolific builder and flyer, and spends a lot of time doing both. Rob Askegaard has provided several examples of Jerry's work. First we have two photos of Jerry's very realistic looking F/A-15. Next, Jerry is holding his Dragon, which almost looks like after a crash, but that is the way it is built. At the bottom is one of Jerry's several P-51's. this one has a sound system that really duplicates the Merlin V-12 engine sound.





**Seen Around the Field**

Rob Askegaard has provided the following. Thanks. - Ed.



Rob Askegaard and his Kadet. Courtesy of Ted Broberg.



Jethro and his "Aircraft Carrier".



John Bollinger with his 51" AJ Slick using Motrofly 3615..



Good to see Ross back at the field



Henry Smith III with his kit built RV-4.



Erv Szego and his big 3 meter sailplane.





Seen Around the Field (Continued)



Two photos of our instructor Ted Broberg with a number of students. That's Mick from England on the right.



Wade Rathbun holding his Piper Archer



A nice 3-D "Addiction" by Precision Aerobatics. 50" span. Sorry, did not get owner's name.



Gary Gough with his Radian.





## Indoor Rubber Powered Event

Sam Wright of Scale Squadron provided this announcement. This is a fun opportunity for all HSS members who enjoy indoor rubber powered flying. Sam reports the following:

"We are have a small rubber powered event in the Hobby People warehouse on Monday August 10, in place of our meeting. Mostly Peanut Scale and stick planes, plus static judging for larger scale planes. "



**Rubber Band Powered  
Free Flight  
PARTY**

**Scale Squadron  
August 10 Meeting  
@Hobby People FV Whse**

### **Schedule of Events**

Open Practice 5-7pm      Registration 6pm  
Hot Dog BBQ Dinner 6:30pm      Contest Start 7pm. Flying 2 Rounds  
**Awards: 8:30pm**

**Location: Hobby People** Fountain Valley. Warehouse behind the store  
18475 Pacific St, Fountain Valley, CA 92708  
*This event replaces the August Meeting.*



#### **1. One-Design Flying Event:**

This year's one-design will be affordable and higher performance. TBA

#### **2. Dumas Aircraft 17.5" Walnut Scale:**

Rubber Band Powered Flying Scale Models.  
Dumas Walnut Models Only. Official catalog and special club pricing TBA

#### **3. Dumas Aircraft 30" Scale - Static Contest:**

Build one or more of any of the 30+ Aircraft available from Dumas for this Static Building Contest. Models can of course be flyable.



**3 Classes  
for your flying  
and building enjoyment**



**Flying Food Fun  
& It's FREE!**

**Sponsored by  
Scale Squadron  
and Hobby People**

Event Contacts: Larry Wolfe - 562 467 0260 or  
Mike Greenshields: [mikegreenshields@gmail.com](mailto:mikegreenshields@gmail.com)  
[scalesquadron.com](http://scalesquadron.com)  
[facebook.com/ScaleSquadronofSouthernCalifornia](https://facebook.com/ScaleSquadronofSouthernCalifornia)



**Chino Air Show**

Rob Askegaard made another trip to Chino, and returned with the following photos. Top to bottom below is a P-51D, Grumman TBF Avenger, and a Mig-15.





### **HSS on YouTube**

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 Oxford-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.

### **SC2 Competition Schedule for 2015**

Soaring Clubs of Southern California (SC2) posted the 2015 competition schedule at <http://sc2soaring.com> . All dates are on a Sunday. Be sure to reconfirm the following events at the SC2 web site or the club web sites.

- Jan. 25. Hosted by Downey Soar Heads (DSH) at SULA Field of Dreams, San Pedro.. [www.\(TBS\).org](http://www.TBS.org) .
- Feb. 15. Hosted by Silent Wings Soaring Association (SWSA) Azusa/Covina. [www.silent-wings.org](http://www.silent-wings.org) .
- Mar. 22. Hosted: Soaring Union of Los Angeles (SULA) at Field of Dreams, San Pedro. [www.sulaclub.org](http://www.sulaclub.org)
- April 26. Hosted by Silent Wings Soaring Association (SWSA) Azusa/Covina. [www.silent-wings.org](http://www.silent-wings.org) .
- May 17. Hosted by Victor Valley RC Flyers (VVRFCF). Victor Valley RC Park, Hesperia. [www.vvrvcf.org](http://www.vvrvcf.org) .
- June 28. Hosted by Harbor Soaring Society (HSS), Fairview Park, Costa Mesa. [www.1hss.org](http://www.1hss.org) .
- July 19. Hosted by Inland Soaring Society (ISS), Riverside. [www.glideiss.us](http://www.glideiss.us) .
- Aug. 23. Hosted by Thousand Oaks Soaring Society (TOSS), Thousand Oaks. [www.toss.freesevers.com](http://www.toss.freesevers.com)
- Sept. 20. Hosted: Soaring Union of Los Angeles (SULA) at Field of Dreams, San Pedro. [www.sulaclub.org](http://www.sulaclub.org)
- Oct. 18. Hosted by Torrey Pines Gulls (TPG), Glider field at Encinitas. [www.torreypinesgulls.org](http://www.torreypinesgulls.org) .
- Nov. 15. Rain date,
- Dec. 13. Special Toys For Tots competition at SULA, San Pedro. [www.sulaclub.org](http://www.sulaclub.org) .

### **Inland Empire ALES Championship**

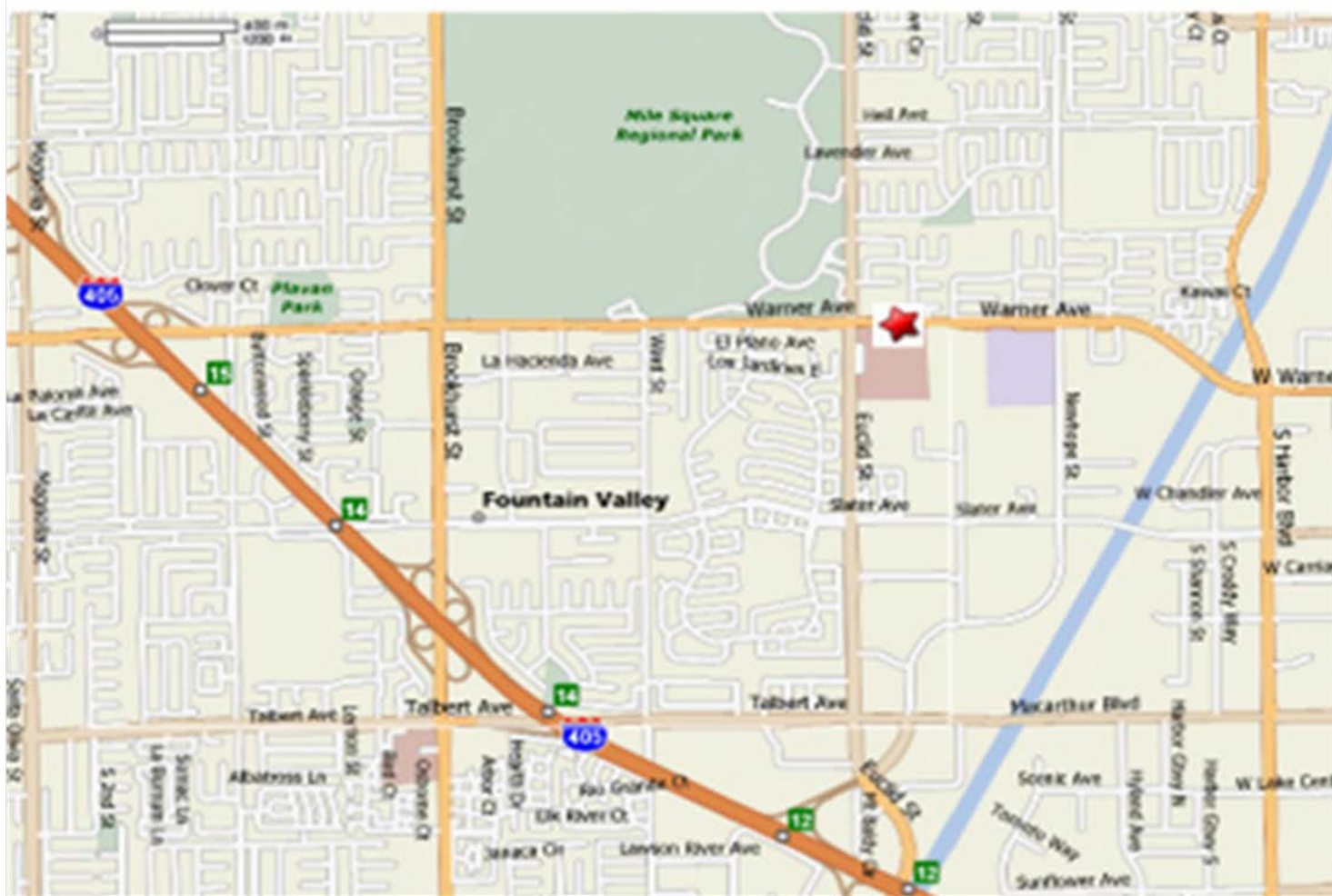
The Inland Soaring Society (ISS) is presenting the Inland Empire ALES championship, Sunday August 9. There will be two classes of competition: Open class and Production Foamie class. Production Foamie is for any mass produced ARF/RTF model, such as the Radian, EZ GLIDER, etc. Altitude limiter devices required in open class and suggested in Production class. CD will require production class models to perform a flight performance test to determine how long of motor run time the pilot will have for launch in the absence of using a altitude limiter. All flight tasks will be 10 minutes long. Man-on-man format, and there will be a 10 second launch window. Landing task will be a runway style landing. Riverside AYSO field. Entry fee is \$10.00 per class. Junior pilots are \$5.00 entry. Start time 9:00 AM. CD Mike Lee  
See ISS web site at [www.glideiss.us](http://www.glideiss.us) .for information and directions to their field.





**General Meeting Announcement For July 7, 2015**

Our monthly general meeting is held on each first Tuesday of the month, this time it is July 7, 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 the following page. The location is shown below.

**HSS on Facebook**

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

I wanted to announce our Facebook page has been launched. The address is [www.facebook.com/harborsoaringsociety](http://www.facebook.com/harborsoaringsociety). If you are on Facebook, please join and share our site/page.

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



**Raffle Prizes for June 2nd Meeting**

Ted Broberg has some great raffle prizes for the July 7 meeting. Join us as raffle tickets are free, just for attending.



iSuper micro heli: needs iPhone/iPad. - R. Wilburi



36" CESSNA kit; - R. Wilbur



Two AMA DVDs



### 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.

### 2015 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](http://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), 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 rules posted at the flying site.

### AMA District X Website

AMA District X Vice President Lawrence Tougas wants to invite AMA members from all districts to enjoy District X's new website. "We have a lot of great articles in our blog, plenty of pictures in our photo albums, and a spot where you can learn more about our associate vice presidents and myself," says Lawrence, District X VP. All of the information is at [www.ama10.org](http://www.ama10.org). Why not consider helping your district with its website.





**Plane Rap Classified Ads and Services - For Sale**

**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](mailto: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](mailto:s.a.bennett@netzero.net)) or give him a call ([909-246-1167](tel:909-246-1167)).

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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)

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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) = \$25.00**
- ☐ **SENIOR MEMBER (Renewal W/O Name Tag)(17 years and older) = \$25.00**
- ☐ **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):**

<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. Applications for senior membership between July 1<sup>st</sup> and October 31<sup>st</sup> 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: 24 Nov 2014





**HSS Sponsors (continued)**

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#### JULY 2015

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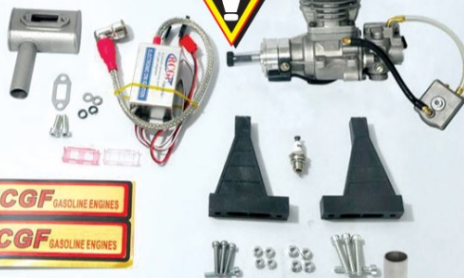
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**NOTE:** We carry Xoar beechwood propellers that match up perfectly with RCGF Engines!

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## HARBOR SOARING SOCIETY OFFICERS FOR 2015

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Vice President	Mike Fox	714-421-1556	<a href="mailto:brittanie1@verizon.net">brittanie1@verizon.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>
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See our web site at [www.1hss.org](http://www.1hss.org), our YouTube site at <http://www.youtube.com/user/hssletsfly>, and Facebook at [www.facebook.com/harborsoaringsociety](http://www.facebook.com/harborsoaringsociety)

## NEXT CLUB MEETING WILL BE:

**TUESDAY JULY 7, 2015, AT ROUND TABLE PIZZA, 11095 WARNER AVE.  
HUNTINGTON BEACH, GENERAL MEETING 7-9 PM.**

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SEE THE COLOR NEWSLETTER SENT BY E-MAIL AND AVAILABLE ON OUR WEB SITE.**

