



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.

April 2015

HSS IS NOW OVER 50 YEARS OLD!

Volume 52

**Flying Field Closed on Saturday April 25, 8 AM-5PM. Community Fun Run.
 Help the club with our Imaginology Fair booth at the Orange County
 Fairgrounds. April 24 - 26. Contact John Anderson.**

Plane Rap Index

Check out the following articles:

- March 3 General Meeting Minutes. P.2-3.
- International Drone Day Report. P.3.
- President's Message. P.4.
- Feb 20 Steering Committee. P.4.
- Mar 26 Steering Committee. P.5.
- AMA Response to FAA NPRM. P.6-7.
- College Design Competition. P.8-9.
- Model of the Month. P.10.
- OC Parks Dept Quarterly Meeting. P.11.
- North Hangar Law Suit. P.11.
- Seen Around the Field. P.12-13.
- Student Training. P.14.
- Wing Over Prado Scale Fly-In. P.15.
- Public and City Concerns. P.16.
- SC2 2015 Competition Schedule. P.16.
- SC2 February 15 Event Results. P.17.
- HSS Membership. P.18.
- Next Meeting Announcement. P.18.
- Raffle Prizes for Next Meeting. P.19.
- City Flying Permits. P.20.
- Photos of Your Planes. P.20.
- SC2 March 22 Event Results. P.21.
- Classified Ads & Sponsors. P.22-23, 25.
- HSS Membership Application. P.24.

Coming Events and Soaring Competitions

April 2015 – June 2015

- Tuesday April 7, 2015. HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. General meeting, 7 PM. See P.18 for details.
- Friday – Sunday April 24-26. Imaginology Fair at Orange County Fair Grounds. See comments on P.2,-5. Volunteers needed. See John Anderson.
- Friday-Sunday April 24-26. Wings Over Prado Scale Fly-In. Prado Airpark, Chino. See P.15 for details.
- Sunday April 26, 2015. Fourth SC2 competition hosted by SWSA at Azusa/Covina. See P.16 or www.silent-wings.org.
- Tuesday May 5, 2015. HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. General meeting, 7 PM. See P.18 for details.
- Sunday May 17, 2015. Fifth SC2 competition hosted by VVRC at Victor Valley RC Park, Hesperia. See P.17 or www.silent-wings.org.
- Tuesday June 2, 2015. HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. General meeting, 7 PM. See P.18 for details.
- Sunday June 28. HSS hosts sixth SC-2 event.

March 3, 2015 General Meeting Minutes

GENERAL MEETING: Called to order at 7:04 P.M. by president Henry Smith III. Also in attendance were Mike Fox, Vice President, Jim Hanson, Treasurer; General Director John Anderson; Rob Askegaard, Ted Broberg, Secretary; Bill Sharkey, John Urban, Greg Stone, John Rittenhouse, Assistant Website Administrator; "TAZ" Ellison, William Vincent II, Bob Voss, Jesse Calleros, Jeff Greene, Sylvesta Whittington, Ross Thomas, Jim Peterson, David Miller, Sid Hood, NEW MEMBERS Ralph and Charlie Siegfried, and Scott Tran.

A. Bulletin board for kiosk/frequency board: Henry got cork for the boards; we need 1/4" plexiglass over the door. Jim H. will contact a person to fix it. Greg Stone has a person who can back him up, and others have offered to pitch in. We'll add cork board soon.

B. Map and field rules sign: Jim H.: "Soon."

C. IMAGINOLOGY plans: Managed by John Anderson: To be held at Orange County Fair Grounds, Apr. 24-26: 18,000 people expected; We have the use of a large part of the hangar, and likely an outdoor area — if and only if we can assure the management that we will provide staffing and displays for all three days. HSS will be the principal host of the EVENT, with OCRCC and OCMA. Perhaps UCI's team will make a showing. John has contacts for several other organizations...

— The target audience is the eighth-grade student.

— We want flight simulators, make-and-take activities and instructors; Penny Planes; foam-material gliders; videos and photos; banners, printed brochures; info on our website (updated?)

— Henry:

1. Who brings what? Static and flying displays

2. Staffing, three days; set-up, clean-up: See John Anderson to sign up, or sign up at the meeting. We need you! Hours are Friday April 24, 9 AM – 3 PM, Saturday April 25 10 AM – 5 PM, and Sunday April 26, 10 AM – 5 PM. Contact John Anderson, at 949-723-1556 or johnhanderson36@gmail.com.

D. March 4th Costa Mesa City Council meeting: Who's going?

E. Website matters: Dave Miller is upgrading the website. If you have images or videos for the site, Ideas or wishes, Include names if you know them, send your contributions and ideas to David at davidjmiller949@gmail.com.

— Can we change the title of Website Administrator to Social Media Manager. Moved, seconded, and passed.

F. New edition of our Trifold Brochure. Henry 3 will order 500 color prints from Erv if he's willing.

G. Taz has several planes for sale.: 714-276-4296.

H. Greg Stone, of OCMA AND OCRCC; Jesse C. and John A. helped him with the Science Olympiad this year, and he presented thank-you gifts to them for their participation and help. He works with the Science Olympiad at several high schools, getting kids interested in aviation projects.

— At the El Toro field, there have had several changes to their field.

— The Society of Antique Modelers will host an event at OCRCC this September 13th, we will be building the Bob Holman 36" Powerhouse for RC control and electric power. OCRCC will be ordering the short kits for anyone that wants to purchase one. The 2 events will be LMR (limited motor run) and Texaco (limited power).

SHOW AND TELL

A. Jim Hansen: DGI PHANTOM II quad, with the camera feed going to his cell phone. The camera is stabilized, and tilts and pans from transmitter commands. The display shows its elevation, a GPS map of where it is, signal strength, and more.



March 3, 2015 General Meeting Minutes (Continued)

B. Henry III: 72" LAZY BEE with R/C truck spring-over-shock suspension. Clancy Aviation; Kontronic motor, Castle Creations 80 Amp 12-cell LiPo speed control.

C. Jesse: His first airplane, Park Zone J-3 17" CUB, with strong-magnet fastening of the upper fuselage and wing to the lower fuselage. He also recommends lightweight spackling for body filler.

RAFFLE DRAWING

PRIZE`	DONOR	WINNER
61" SLOW POKE kit	Randall Pritchard	BOB VOSS
Plastic CESSNA kit	Dwight Carrithers' family	GREG STONE
Covering iron	Anon.	JOHN RITTENHOUSE
Tool kit	Anon.	JOHN URBAN
Foam Safe Glue	Hobby People, Fountain Valley	SCOTT TRAN
Two servo extensions	Hobby People, Fountain Valley	ROSS THOMAS
One 3 S, 1300 mAh LiPo	Hobby People, Fountain Valley	BILL SHARKEY

Meeting adjourned at 8:30 p.m. Respectfully submitted, Ted Broberg, Secretary.

Field Closure – Saturday April 25, 2015

We recently received this announcement from the Costa Mesa Parks Department.

The model aircraft flying field will be closed to all flyers on **Saturday April 25, 2015**. The City of Costa Mesa will be hosting the Community Run from 8AM-5PM. The City will post announcements.

Any questions or comment, please call 714-754-5291. Thank you for your cooperation.

All the more reason to help with the Imaginology project or go to Randy Wilbur's Wings Over Prado Scale Fly-In Saturday April 25, 2015.

International Drone Day Event Report

The Silent Electric Flyers of San Diego (SEFSD) held their first International Drone Day on March 14, 2015. Here is their report on the event.

We hosted the multi-rotor community for International Drone Day. The turnout was AMAZING! We had nearly 50 pilots show up with an incredible variety of flying machines.

During our "ALL-UP" at noon, we had 33 multi-rotors in the air at once - along with thousands across the country at the same moment.

We fed nearly 250 hungry persons before having a great Raffle and finishing the event as scheduled around 2:00 PM.

MANY THANKS to Jim Bonnardel for doing the legwork in gaining sponsors for the event who all donated prizes to the raffle. A total of \$2,750 dollars' worth of prizes were donated by local vendors, and we sold enough tickets to make up the clubs investment and add a few dollars to our coffer towards future prizes.

Thanks to Steve Belknap, Editor of SEFSD Peak Charge newsletter, for sharing.



President's Message

I just had a nice phone conversation with Robert Staples. I thanked him for arranging to have a city contractor pick up the cuttings from the field cleanup. We talked a bit about the city employees who sometimes patrol the park in golf carts. All HSS members need to be friendly and polite to city employees. If possible introduce yourselves and get the names of said city workers.

Robert, and most other city parks personnel are very aware of the occasional problems with afternoon flyers. At the moment I don't have a good idea about how to deal with this. I did suggest the city Parks Department patrol could concentrate their efforts in the afternoon. We shall see.

The next meeting of the Citizens Advisory Committee will be in April. At that time the Mayor's proposal to conduct a survey of Costa Mesa residents will be formally brought before the committee. Should be interesting. I hope a few members of HSS can attend. When the date and agenda are established, I will send it around to all of you.

Henry A. Smith III, President, Harbor Soaring Society

Steering Committee Minutes for 20 February, 2015

BUSINESS MEETING: Called to order at 2:30 P.M. by President Henry Smith III. Also in attendance were Jim Hanson, Treasurer; General Director John Anderson; and Ted Broberg, Secretary;

A. Henry passed out copies of the most recent version of the FAIRVIEW PARK MODEL FLYING FIELD map, with flight areas, patterns, & rules for officers to proofread. Approved as edited by Jim Sonnenmeier. Jim H. will have Sign Mart print several copies of it on vinyl sticky-back outdoor signs, to be put onto aluminum sheets and posted on the pit fence and on the kiosks.

B. Discussion: The UCI team for this year's AIAA Design/Build/Fly competition is developing its model, and is doing some of its testing at our field. Two years ago the team won the international competition. Welcome them, but do not take pictures of the plane.

C. Henry showed his 72" LAZY BEE model in progress. It has oil-damped shock absorbers.

D. Planning for 2015 IMAGINOLOGY: John A.:

1. Orientation: Christine Dunst is our contact with them. Upper management is working with John to arrange exhibit areas and flying areas.

2. Dates and times: Friday, 3/24, 9 a.m. to 3 p.m.; Sat. and Sun., 10 a.m. to 5:00 p.m..

— We are to have some people running activities during all these times.

— Suggestions: Indoor flying, walk-along foam gliders, VAPORs, EMBERs, small rubber-powered free-flight; indoor helicopters, paper gliders, Penny Planes, (Dick Baxter and Jim Sonnenmeier have some of these), et al. WE MUST HAVE WORKERS AT ALL THESE TIMES. Greg Stone, of OCMA, and his son can help us. At present, it looks like we can use an outdoor Arena for outdoor helicopters and 3-D planes. (Jim Hanson and Philippe Motta can work some shifts. Vinnie San Filippo would be good.) Indoor tow-line gliders? Indoor rubber-powered helicopters?

3. John showed some of his printed-sheet models, which participants "MAKE AND TAKE." We can have our "publicity" on the cut-and-fly planes.

— This could be an on-going activity, with periodic demonstrations, indoor and outdoor.

4. Static display models: Flight simulators. Flier on a Wire. Big glider? Solar Wonder? Larger, scale planes? Videos from Quad-Copters?

5. Henry will contact Christine and assure her that we will staff the exhibits and activities for all the scheduled times.

6. AMA Insurance: Henry has the form, Jim H. will handle it.

- - Meeting adjourned at 4:17 p.m. Respectfully submitted, Ted Broberg, Secretary.



Steering Committee Minutes for 26 March, 2015

Called to order at 5:40 p.m., at Durty Nelly's Pub in Costa Mesa, by President Henry Smith III. Also attending were Fred Hesse, Jim Hanson, David Miller, John Rittenhouse, John Anderson, Greg Stone, and Ted Broberg.

I. John Rittenhouse: Questions about the new website. Discussed here, and later with David Miller, our new Website Administrator.

A. John suggested several items to improve. David is working on them.

B. It is ready to run. David may make some of the changes John R. suggested.

II. Henry Smith: Business

A. NOTAMS: How do we notify the non-HSS members about the field Temporary Flight Restrictions?

1. Website bulletins

2. Ted: We have three newly-improved bulletin boards. He'll post notifications on them.

3. Web blast: only reaches members.

-- Q: Don't all AMA members with email get these from AMA and FAA?

B. IMAGINOLOGY at Orange County Fairgrounds, April 24-26, 2015: John Anderson;

1. We must submit our packet of papers and plans by April 1. Our president has to review the plans.

2. Hangar space: We'll have the use of about one third of the hangar. We can fly small R/C planes and helicopters, plus free-flight planes.

3. The Arena was omitted in Christine's outline to the OCFG board. John A. will try to have it added.

4. We need to have workers present at all times.

5. Henry, John A., Jim H., and Ted B. will make another trip on March 31, with some sample "flying machines."

6. John A.: We'll need to buy some materials for the Design/Build/Fly segment and Make-And-Takes.

7. Simulators: We'll want two or three. Fred will bring his for his shifts; Ted will leave the HSS one at the table for other workers. Anyone else have one to offer?

8. WE WILL NEED A FLIGHT-CONTROL OFFICER whenever planes are in the air.

9. Business Cards: Ted, get John's to him soon.

10. John A. will provide a site map and event list to the workers.

11. Other clubs: (Greg Stone will be working at another big event, and won't be here). OCRCC, Black Sheep Squadron, Rogues Squadron, Science Olympiad, and others?

12. Bring small flying things: Dr-1, VAPOR, helis, quads, FUN CUB.

13. All workers will be required to be screened. More on this later.

14. Fred: Can we use someone's large-screen T V or monitor?

15. SETTING UP: We may come in Thursday, 9:00 a.m., and Friday, 6:30 to 8:00 a.m

C. FIELD MAINTENANCE

1. Henry and Ted will mow Mar. 27

2. John R. suggested a power field leveler. We're looking into this. Does the City have equipment we can borrow?

3. Weed spraying: We can't use any chemicals.

a. Can we use the City's contractor?

b. Ask Robert Staples

Meeting adjourned at 6:50 p.m. (It's karaoke time.) Respectfully submitted, Ted Broberg, Secretary



AMA Response to FAA NPRM and How to Comment

On February 23, 2015, the FAA published its proposed regulations for small unmanned aircraft systems (sUAS) as a notice of proposed rulemaking (NPRM). This began a 60-day period during which the public can comment on the proposed regulations. When finalized, the proposed rules would become the safety regulations for operating small, *non-recreational*, unmanned aircraft.

In accordance with the Special Rule for Model Aircraft (the AMA amendment) established by Congress in the FAA Modernization and Reform Act of 2012 (P.L. 112-95), ***the new regulations would not apply to model aircraft operated within the safety programming of a nationwide community-based organization.*** This is good news for AMA members; however, the FAA has said that to be exempt from regulations, model aircraft operators must operate within the parameters of the Special Rule set out by Congress in 2012.

The NPRM references FAA's June 2014 interpretation of the Special Rule. As indicated in detail in [updates to our members last summer](#), the AMA has taken exception to several aspects of FAA's interpretation. The main areas of concern are that the FAA's interpretation:

- Asserts model aircraft to be "aircraft" and effectively makes model airplanes subject to all regulations applicable to full-scale aircraft.
- Makes model aircraft subject to airspace requirements that have never been applicable in the past and with which it is impossible or impractical to comply.
- Effectively changes the criteria for operating within 5 miles of an airport from the requirement of providing prior "notification" to a requirement of obtaining prior permission.
- Narrowly defines "hobby and recreation" and puts in question the activities of the supporting aeromodeling industry and AMA's educational programs.
- Rigidly defines the requirement to operate within visual line of sight and targets the use of a specific aeromodeling technology/equipment, namely first-person view (FPV) goggles.

Overall, the AMA views the proposed sUAS regulations as a positive step. With one exception that may impact model aircraft manufacturers, it essentially takes the language in the 2012 Special Rule for Model Aircraft (the AMA amendment) and places it in the federal aviation regulations.

We encourage members to submit comments commending the FAA for appropriately separating model aviation from the new regulations. However, AMA would also encourage members to include in their comments the need to resolve the discrepancies stemming from the Interpretive Rule before finalizing the sUAS rule. In any case, it's important that our members provide their comments in support of the proposed rule. It's possible that there will be members of the public or aviation industry who will be opposed to a rule that protects the model aviation hobby, and we need to make sure that our voices are heard in support of continued community-based self-governance.

Comments on the proposed sUAS rule can be made by [clicking here](#), or going to www.regulations.gov and searching for Docket No. FAA-2015-0150; Notice No. 15-01. Read the proposed rule carefully, particularly the sections concerning "model aircraft," and submit comments on areas where you have a concern as well as thoughtful and productive comments in areas where you feel there could be improvement. AMA has created a suggested template for comments, which we strongly encourage you to edit and personalize. Unless extended, the deadline for submitting comments is 11:59 p.m., Friday, April 24, 2015.

VISIT WWW.MODELAIRCRAFT.ORG/GOV
for updates on AMA's Government advocacy efforts.



AMA Response to FAA NPRM and How to Comment (Continued)

The following is the suggested AMA template for making comments. Copy the template, modify the yellow highlighted areas as you wish, and submit as directed in the previous paragraph, above.

Comment Template for AMA Members

I am writing in response to the FAA's proposal to regulate small unmanned aircraft systems, including model aircraft. *[Insert personal introduction details such as: I am a [job/profession], a member of the Academy of Model Aeronautics, and have been safely and responsibly flying model aircraft for ____ years. I am also a model aircraft club officer/educator/designer, etc.]*

I support the exemption of recreational model aircraft from the regulation of unmanned aircraft systems. As Congress recognized, self-governance under community-based safety guidelines has worked exceptionally well for decades, and should remain in place. However, I have the following concerns about the FAA's proposal: *[choose all that you feel apply, and feel free to add other comments]*

The FAA has repeated its June 2014 statement that model aircraft are "aircraft" subject to all existing aviation regulations. The FAA must revise this interpretation so that it is in agreement with what Congress directed in 2012, which is that recreational model aircraft are subject to community-based safety guidelines, not aviation regulations. Similarly, the regulatory proposal excludes ultralight vehicles, moored balloons, kites, amateur rockets, and unmanned free balloons from the FAA's aircraft operating regulations but neglects to expressly exclude model aircraft. The proposed regulation should make it clear that model aircraft meeting the criteria established by Congress are not subject to aviation regulations.

Also, the proposal leaves out the part of the statute that excludes "an aircraft being developed as a model aircraft" from aviation regulations. This exclusion must be added to the regulations. Companies in the model aircraft industry should not be regulated as if they are aircraft manufacturers.

The FAA bases its proposal on its June 2014 interpretation of the law concerning model aircraft. There were 33,000 comments submitted last summer concerning that interpretation [including mine]. The future regulations for model aircraft should not be based on incorrect interpretations of what Congress wrote. Some of the interpretations that should be changed to the extent they form the basis for any current or future regulation include:

- Making model aircraft subject to airspace requirements such as air traffic control clearance, that have never been applicable in the past and with which it is impossible or impractical to comply. Congress indicated the maximum obligation, which is actually stricter than what the FAA's guidance has been for the past 34 years: notifying the airport when operating within five miles. That is the most that model aircraft hobbyists should have to do.
- Rigidly defining a requirement to operate within visual line of sight and that calls into question the use of a specific technology or equipment, namely first-person view (FPV) goggles. The language of the 2012 statute concerning "within visual line of sight" indicates how far away a person should fly the model aircraft, not what method of control may be used for the recreational experience. The proposal for commercial unmanned aircraft acknowledged guidelines do.
- Narrowly interpreting the words "hobby or recreational use." You should not regulate people who are flying model aircraft in connection with the hobby just because they receive payments. For decades, enthusiasts have participated in contests and competitions that have cash prizes, have been paid to instruct others on how to safely fly models, and have received compensation for aerobatic displays. These payments incidental to the hobby do not change the underlying recreational purpose of the activity or make the hobby any less safe, and regulating these activities would be highly disruptive to the hobby without any benefit.

Respectfully,

[Name]

[Optional] AMA Member Number: _____



AIAA/Cessna/Ratheon Collegiate Design/Build/Fly Competition

Harbor Soaring Society is always pleased to share our flying field, especially with UC Irvine aeronautical engineering team who are preparing for the 2015 AIAA/Cessna/Ratheon competition after having won the competition in 2013. They are under the direction of Dr. Robert Liebeck. Here is a summary of the event.

The 19th annual contest fly-off is scheduled for 10-12 April 2015, held at the TIMPA field in Tucson, AZ.

The AIAA invites university students throughout the world to participate in the Cessna/Ratheon Missile Systems Student **Design/Build/Fly** competition. The contest will provide an aircraft design experience for engineering students by giving them the opportunity to validate their analytic studies.

Student teams will design, fabricate, and demonstrate the flight capabilities of an unmanned, electric powered, radio controlled aircraft which can best meet the specified mission profile. The goal is a balanced design possessing good demonstrated flight handling qualities and practical and affordable manufacturing requirements while providing high vehicle performance. Cash prizes are \$2500 for 1st, \$1500 for 2nd and \$1000 for 3rd place.

To encourage a fresh design challenge for each new year's participants, the design requirements and performance objectives are updated for each new contest year. A maximum of 100 teams is allowed. UC Irvine has over two dozen team members. At least 1/3 of the team members must consist of Freshman, Sophomores or Juniors (Below senior year, for non-four year programs). The pilot must be an AMA (Academy of Model Aeronautics) member.

- **Ground Mission - Payload Loading Time**

- Mission starts with airplane empty and hatches closed
- Load payload for Mission 2 (sensor package simulated by 4.5" x 5.5" x 10" block of wood).
- Remove Mission 2 payload and install mission 3 payload externally. (softball sized light plastic spheres); re-close airplane as required to secure for flight
 - Number of balls will be the maximum number declared during Tech Inspection.
 - Score is based upon load/unload times.

- **Flight Mission 1 - Ferry Flight**

- No payload installed
- Take-off within the prescribed field length (60 ft.).
- Maximum number of complete laps within a 4 minute flight time.

Flight Mission 2 - Sensor Package Transport Mission

- Load plane internally with sensor package (wood block).
- Take-off within the prescribed field length.
- Fly 3 lap timed flight with Sensor Package.

- **Flight Mission 3 - Sensor Drop Mission**

- Load plane externally with plastic balls.
- Take-off within the prescribed field length. Fly as many laps as possible.
- On each lap, while airborne, the airplane will remotely drop a single ball.
- The drop shall occur in a "drop zone" defined by the field map.
- A lap will only count if a single ball is dropped within the drop zone.



AIAA/Cessna/Ratheon Collegiate Design/Build/Fly Competition (Continued)

Here is a preview of the UC Irvine entry to the Design/Build/Fly competition to be held in Tucson AZ. The plane at right is designed for an internal payload of about 5 pounds, and an external payload of an undisclosed number of light plastic balls.

Below are just some of the more than 25 team members. They will compete against 100 other teams from all over the world. The UCI team was the winner of this competition in 2013.

We wish them the best of luck.

Thanks to Rob Askegaard for the photos, and Richard Odle for the technical guidance. Ed.



Model of the Month

This month we are again featuring Jerry Smith, this time with his spectacular foam Northrop F-5E. It is painted with colors and markings of the Navy's "Aggressor Squadron" used by the "Top Gun" training base at Fallon Navy Base, Nevada.

Thanks to Rob Askegaard for the great photos.



Orange County Parks Department Quarterly Meeting

The quarterly meeting of the Orange County Parks Department was conducted by Theresa Sears of the Friends of Harbors, Beaches and Parks grass roots organization, on 20 Mar 2015. It featured presentations by Parks Director Stacy Blackwood (who has replaced Mark Denny) and a number of special interest groups, held at the Irvine Regional Park. Attendance was over two dozen concerned citizens. Your editor attended and acquired the following points of interest.

- The plan for the Tustin blimp hangar and surrounding park is still on hold as a result of a partial collapse of the roof of the North Hangar, which occurred over a year ago.
- Stacy Blackwood stated that she does not even have an access permit for the hangar.
- The Aeros Blimp Company has established a law suit against the US Navy for \$65,000,000 in damages to their airship as a result of the roof collapse.
- This is the first that your editor has met with Stacy Blackwood. She seemed particularly friendly, intelligent, and acknowledged Harbor Soaring Society's "passionate" interest in the hangar and associated park project.

North Hangar Law Suit

In this Jan. 24, 2013, file photo, the Aeroscraft airship, a high-tech prototype airship, is seen inside a World War II-era hangar in Tustin, Calif. The \$35 million lighter-than-air dirigible was damaged and began leaking helium when part of the hangar roof collapsed Monday, Oct. 7, 2013, at a former Marine base in Southern California, authorities said.



Subsequently, owners of an experimental lighter-than-air ship destroyed when its Southern California hangar partially collapsed are suing the U.S. Navy for more than \$65 million.

The suit was filed Monday in Los Angeles federal court. (Published 11 Mar 2015).

The 266-foot-long Aeros cargo ship — a high tech version of a dirigible — was stored in a gigantic hangar at a former Marine Corps air base in Tustin when a chunk of roof collapsed in October 2013.

Aeroscraft Aeronautical Systems Corp. says the Navy was long aware that the World War II-era hangar needed critical repairs and has refused to cover damages. The Navy has not replied.

Another view and text from the Orange County Register.

A section of a walkway on the top of the North Tustin blimp hangar appears to have collapsed, damaging a massive \$35 million dirigible inside and causing a helium leak on Monday, October 7, 2013 in Tustin, California. The partial roof collapse was reported at 7:45 AM at the former military base, said Capt. Steve Concialdi of the Orange County Fire Authority. Hazardous-material crews were called to stop the leak, he said.



Seen Around the Field

Rob Askegaard has provided the following two pages of members and their planes, annotated below. Thanks.



Richard Morley and his Bixler with landing gear.



Ross Thomas launching his explorer.



Marty Fair and Super Viper (90 mm EDF). Dennis Anderson & Piper PA-20. Kenny Blasius and Tiger Moth.



Jose Velarde's Spitfire.



Joe Kacin's FX-61 flying wing with camera.



Seen Around the Field (Continued)



Ken Blasius with his Junkers Ju-87 Stuka.



Dynam 50" Corsair belonging to John Stambuk.



"Shadow" launch by Doran Ben-Yehezkel.



Dennis Anderson with his E-Flite "Leader 480".



Jim Hanson and his quadcopter.



Bob Goff's beautiful Thunderbolt Sbach 342.



Student Training

Again, Ted Broberg has been busy with his flight training program, as shown in the photos below. At right are two un-named students, photographed by John Rittenhouse. Below are brothers Jethro and John, and below right is Ted and Dan Van Dorpe looking relaxed. Thanks to Rob for the photos. At bottom are Ted Broberg photos of Kiersten Olsen and her friend and boss Jeff Jacobson. Kiersten took her first training flight.



Wings Over Prado Scale Fly-in

HSS members Randy Wilbur and Joni Whitsitt are putting on a very big event at Prado Airpark, in Chino on April 24-26. They are both affiliated with Scale Squadron, and this is their big annual event presented through Pomona Valley Model Airplane Club. This is a great opportunity to take out your big electric scale models and show them off.

**Pomona Valley Model Airplane Club
Presents
“Wings Over Prado”**

Prado Airpark, Chino, CA

APRIL 24-25-26, 2015

RC Scale Aircraft Fly-In

Warbirds - Civilian - EDF Jets - Sport Scale

Awards Presented for

**Best Detailed ARF, Military, Civilian, EDF jet,
Biplane, Multi engine. Peoples Choice,
Presidents award.....**

Note: No 3D flying, No Turbines

- | | |
|-------------------------------------|-------------------------------------|
| * Current AMA Required | * Fire extinguisher required in pit |
| * Beautiful 800' x 60' paved runway | * Food on site |
| * Hobby Industry Vendors | * Saturday Night Banquet at Field |
| * RV Dry Camping @ field \$10 a day | * General Raffle |
| * Spectators FREE ADMISSION | *AMA Sanction # 15/333 |

***\$30 Pilot Landing Fee**

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

For details, please visit: **www.pvmac.com**

Contest Director Randy Wilbur rwilbur@videotecheng.com (949) 683-9662

Event Co-ordinator Joni Whitsitt whitsittjo@gmail.com (714) 396-2523



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.

Public and City Concerns About our Flying at Fairview Park

Jim Sonnenmeier has provided the following comments.

(1) The last thing you want to hear all day long while walking through the nature trails. Even worse if you live nearby. We support the Harbor Soaring Society but not the unpermitted or unlicensed flying of noisy RC aircraft that is not allowed under the current lease.

https://www.facebook.com/video.php?v=312747818750733&video_source=pages_finch_main_video

(2) You may have seen new City workers riding in golf carts around the field. We were told that they are patrolling the park in general to support the Ranger but also have the task to help enforce the flight rules at the field. Today I witnessed one of these guys first camp out near the glider turnaround and sit and watch for a few minutes then he came up to the pits and told a power flier to **"Not fly over the fenced vernal pool at all."** He was referring to the large vernal pool #1 ! He said that they were instructed in a long meeting **"with the Parks Department" that there was to be no flying over the pond as retrieval of any any crash inside the fenceline would be prohibited.** I referred him to the map displayed on the pit fence which shows the flight pattern agreed to with the city in our current agreement includes over flying the pond. **Section 3.0 of Fairview Park Flying Field Rules** <http://38.106.5.76/modules/showdocument.aspx?documentid=2756> .

He said that he thought that it seemed reasonable but that he would check with his supervisor. If they have prohibited flying over the pond, THIS IS A BIG DEAL.

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 .

Mar. 22. Hosted: Soaring Union of Los Angeles (SULA) at Field of Dreams, San Pedro. www.sulaclub.org

April 26. Hosted by Silent Wings Soaring Association (SWSA) Azusa/Covina. www.silent-wings.org .

May 17. Hosted by Victor Valley RC Flyers (VVRFCF). Victor Valley RC Park, Hesperia. www.vvrfcf.org .

June 28. Hosted by Harbor Soaring Society (HSS), Fairview Park, Costa Mesa. www.1hss.org .

July 19. Hosted by Inland Soaring Society (ISS), Riverside. www.glideiss.us .

Aug. 23. Hosted by Thousand Oaks Soaring Society (TOSS), Thousand Oaks. www.toss.freesevers.com

Sept. 20. Hosted: Soaring Union of Los Angeles (SULA) at Field of Dreams, San Pedro. www.sulaclub.org

Oct. 18. Hosted by Torrey Pines Gulls (TPG), Glider field at Encinitas. www.torreypinesgulls.org .

Nov. 15. Rain date,

Dec. 13. Special Toys For Tots competition at SULA, San Pedro. www.sulaclub.org .



SC-2 Competition Results For February 2015

The second Southern California Soaring Clubs (SC-2) event of 2015 was held on Sunday February 15. This event was hosted by Silent Wings Soaring Association (SWSA). 35 participants flew. Results are shown below.

SC-2 Contest #2 Fish Canyon Field February 15, 2015				Hosted By SWSA Dan Borer, Contest Director Dan Borer, Scorekeeper										Contest Entries 35			
Precision Duration Format				Round 1, 5 mins.			Round 2, 8 mins.			Round 3, 10 mins.			Round 4, 6 mins.			SCORES	
Place	Pilot	Club	Class	T1	L1	S1	T2	L2	S2	T3	L3	S3	T4	L4	S4	Total	Norm
1	Lee, Mike	ISS	E	5.01	68	990.8	7.59	76	986.0	10.03	68	989.3	6.02	93	991.2	3957.3	1000.0
2	Vera, Edgar	SWSA	E	4.58	76	981.7	7.59	93	994.5	9.58	80	986.8	5.58	91	990.2	3953.2	999.0
3	Garland, Steven	ISS	E	5.01	74	983.8	8.00	93	996.5	9.58	66	979.8	6.02	94	991.7	3951.9	998.6
4	Reagan, Mike	TOSS	E	5.00	91	995.5	8.00	76	986.0	9.59	91	993.9	6.02	41	965.2	3942.6	996.3
5	Filice, Gary	TOSS	E	5.02	64	976.7	8.02	88	990.0	10.00	70	985.0	5.59	79	988.9	3937.6	995.0
6	Reagan, Mike	TOSS	RES	4.58	79	983.2	7.57	58	973.1	9.58	70	981.8	6.00	90	995.0	3933.1	993.9
7	Vera, Edgar	SWSA	RES	4.55	78	973.2	7.59	86	981.0	9.58	78	985.8	5.58	90	989.7	3929.7	993.0
8	Szego, Erv	HSS	Int.	4.58	54	970.7	8.05	94	987.1	10.04	91	989.2	6.03	56	970.1	3917.0	989.8
9	Borer, Dan	SWSA	E	4.59	70	981.8	7.58	67	979.5	9.59	49	972.9	5.59	69	981.9	3916.2	989.6
10	Thonet, Andy	SWSA	RES	5.00	90	995.0	7.57	44	966.1	9.40	93	984.8	5.57	39	961.8	3887.5	982.3
11	Cavazos, Robert	ISS	E	5.00	0	950.0	8.00	78	989.0	9.58	61	977.3	5.58	49	969.2	3885.6	981.9
12	Deckman, Mike	SWSA	E	4.55	54	961.2	7.58	63	977.5	9.59	76	986.4	5.59	0	947.4	3872.5	978.6
13	Graham, Elber	SWSA	E	4.57	62	971.5	7.57	72	980.1	9.50	0	934.2	5.57	62	973.1	3858.8	975.1
14	Schwemmer, Rick	ISR	S	5.00	29	964.5	7.59	78	987.0	10.01	0	948.4	5.52	50	953.9	3853.8	973.8
15	Trivitt, Tom	ISS	Int.	5.03	57	969.0	8.03	66	977.1	9.59	70	983.4	5.30	0	870.8	3800.3	960.3
16	Cavazos, Robert	ISS	RES	3.59	0	756.8	8.01	72	984.0	9.40	86	961.3	6.01	93	993.9	3696.0	934.0
17	Bacani, Alvin	ISS	S	4.59	70	981.8	7.52	92	980.2	10.02	0	948.8	4.38	29	748.1	3656.9	924.1
18	Cavazos, Kerry	ISS	Int.	3.02	63	617.6	7.58	62	977.0	9.58	76	984.8	6.01	0	947.4	3527.1	891.3
19	Filice, Gary	TOSS	RES	4.59	76	984.8	4.14	50	527.7	10.00	82	991.0	5.59	49	971.9	3475.4	878.2
20	Thonet, Andy	SWSA	E	4.59	73	983.3	7.50	0	930.2	9.58	0	946.8	3.17	76	557.9	3418.2	863.8
21	Khani, Ali	SULA	E	4.59	93	993.3	7.59	44	970.0	4.22	21	425.3	5.59	82	988.4	3377.0	853.4
22	Espeft, Ronnie	VVRC	RES	2.07	85	444.7	8.02	83	987.5	10.04	81	984.2	6.05	0	936.8	3353.2	847.3
23	Schaefer, Bruce	HSS	S	5.07	0	927.8	7.58	50	971.0	8.52	85	884.8	2.45	42	456.4	3240.1	818.8
24	Townsend, Craig	HSS	Int.	3.01	0	573.2	7.56	25	954.6	7.17	0	691.9	5.59	0	947.4	3167.0	800.3
25	Chipman, Jeff	SWSA	Int.	3.22	0	639.7	7.59	76	986.0	8.11	44	799.4	4.12	62	696.0	3121.1	788.7
26	Swain, John	ISS	S	1.39	80	353.5	8.05	84	982.1	10.06	0	940.5	4.35	40	745.7	3021.8	763.6
27	McIntosh, Doug	SWSA	Int.	2.37	55	524.7	7.59	18	957.0	6.01	0	571.6	5.58	0	944.7	2998.0	757.6
28	Stewart, Ed	ISS	E	5.00	91	996.5	5.29	86	894.1	2.30	60	267.5	5.56	0	939.4	2896.6	732.0
29	Barr, John	SWSA	WOODY	4.51	38	940.5	1.53	0	223.8	6.33	81	662.8	5.59	53	973.9	2800.8	707.7
30	Hallford, Phillip	SWSA	E	4.34	78	906.7	6.19	96	798.1	10.07	72	974.9	0.00	0	0.0	2679.7	677.1
31	Ward, Les	ISS	Int.	4.15	38	826.5	7.58	24	958.0	2.48	67	299.5	2.20	53	396.9	2480.0	626.7
32	Anderson, Major	SWSA	E	5.04	96	985.3	8.10	64	962.2	2.50	83	310.7	0.00	0	0.0	2258.2	570.6
33	Le, Tuan	DSH	E	5.00	32	966.0	7.58	53	972.5	0.00	0	0.0	0.00	0	0.0	1938.5	489.9
34	Whittington, Sylvestra	HSS	WOODY	0.00	0	0.0	3.04	0	364.2	3.44	0	354.7	0.00	0	0.0	718.8	181.6
35	Fox, Mike	HSS	WOODY	0.00	0	0.0	0.00	0	0.0	0.00	0	0.0	0.00	0	0.0	0.0	0.0

HSS on Facebook

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

I wanted to announce our Facebook page has been launched. The address is www.facebook.com/harborsoaringsociety. If you 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.

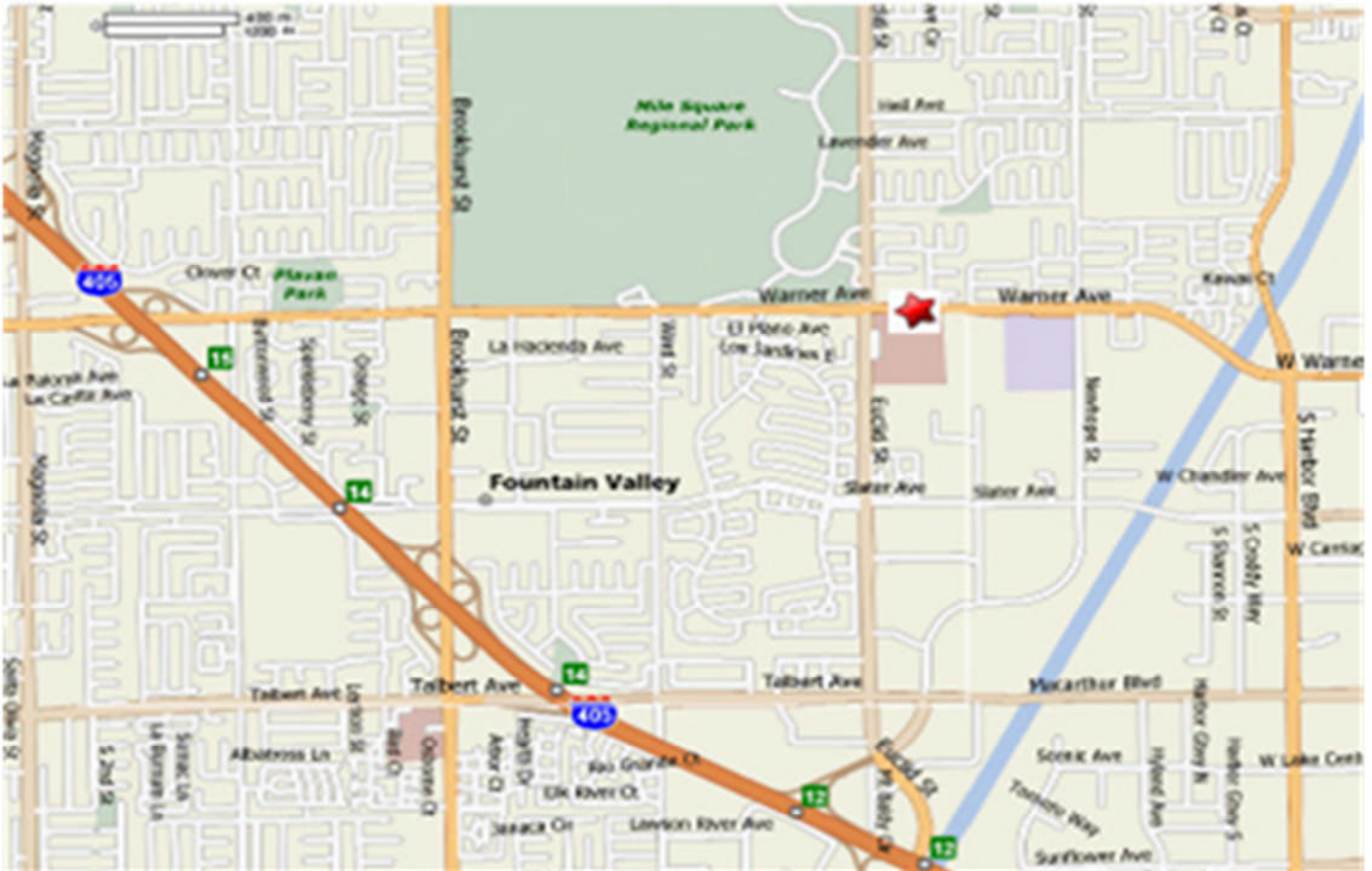


HSS Membership

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. Note that both HSS and AMA memberships initiated between November 1st and December 31st are good for the last two months of 2014 and all of 2015. Applicants must be members of the AMA prior to joining HSS. AMA Membership applications can also be obtained at the AMA web site www.modelaircraft.org, download document No. 902 from the publications page. Or you can apply on line. If you renew your AMA membership online, be sure to print the receipt that they provide as proof that you joined. And, don't forget your City of Costa Mesa Flying Permit. Details are shown on page 20 of this newsletter.

General Meeting Announcement For April 7, 2015

Our monthly general meeting is held on each first Tuesday of the month, this time it is April 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.



Raffle Prizes for April 7th Meeting

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



Dynaflyte Bird of Time 3 Meter glider. Donated by Randall Pritchard.



Tiny metal J-N 4.



Transmitter Bag.



Grab bag of parts



72 MHz transmitter and receiver.



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 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.

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



SC-2 Competition Results for March 22, 2015 Event

The results were published early for the third Southern California Soaring Clubs (SC-2) event of 2015 which was held on Sunday March 22.. This event was hosted by Soaring Union of Los Angeles (SULA), at their Field of Dreams facility in San Pedro. 34 participants flew. Results are shown below. HSS was well represented with Tom Sherwood taking first in Sportsman and third overall. Alberto Dona took second in Intermediate, and Erv Szego took third in Intermediate. Bruce Schaefer took third in Sportsman, and Craig Townsend took sixth in Intermediate. Congratulations for representing Harbor Soaring Society so well.

SC-2 Contest #3 Field of Dreams March 22, 2015				Hosted By SULA Terry Throop, Contest Director Dan Borer, Scorekeeper										Contest Entries 34			
Precision Duration Format				Round 1, 7 mins.			Round 2, 8 mins.			Round 3, 10 mins.			Round 4, 9 mins.			SCORES	
Place	Pilot	Club	Class	T1	L1	S1	T2	L2	S2	T3	L3	S3	T4	L4	S4	Total	Norm
1	Vera, Edgar	SWSA	E	7.00	25	975.0	7.57	25	969.1	9.55	10	952.1	8.56	50	993.0	3889.1	1000.0
2	Cavazos, Robert	ISS	E	6.59	0	947.7	8.00	50	1000.0	10.01	25	973.4	8.17	0	874.4	3795.5	975.9
3	Sherwood, Tom	HSS	S	6.52	25	956.9	8.16	10	928.3	10.07	0	938.9	9.01	10	958.2	3782.4	972.6
4	Malvey, Bill	TPG	ALES	6.53	0	934.2	7.59	0	948.0	10.04	0	943.7	9.02	0	946.5	3772.3	970.0
5	Cavazos, Robert	ISS	RES	6.56	0	941.0	8.02	25	971.0	9.59	25	973.4	7.49	25	850.1	3735.5	960.5
6	Garland, Steven	ISS	E	7.01	25	972.7	7.57	50	994.1	10.00	10	960.0	6.58	0	735.4	3662.2	941.6
7	Lee, Mike	ISS	E	6.56	10	951.0	5.29	0	851.1	10.02	50	996.8	9.01	25	973.2	3572.2	918.5
8	Thonet, Andy	SWSA	E	7.00	0	950.0	7.59	10	958.0	6.23	25	631.4	8.59	0	948.2	3487.7	896.8
9	Reagan, Mike	TOSS	E	7.01	25	972.7	6.21	0	754.1	5.36	25	560.2	9.01	50	998.2	3285.2	844.7
10	Trivitt, Tom	ISS	Int.	6.12	0	841.4	3.58	0	471.0	10.02	0	946.8	9.01	0	948.2	3207.5	824.8
11	Throop, Terry	SULA	E	6.58	0	945.5	7.32	0	894.6	10.00	50	1000.0	3.12	10	347.8	3187.8	819.7
12	Borer, Dan	SWSA	E	3.57	25	561.1	8.04	0	942.1	10.03	0	945.3	5.44	0	605.2	3053.6	785.2
13	Filice, Gary	TOSS	RES	7.00	25	975.0	5.22	0	837.3	4.59	0	473.4	8.54	25	964.4	3050.2	784.3
14	Stewart, Ed	ISS	E	5.25	50	785.1	8.00	0	950.0	10.01	25	973.4	3.09	0	332.5	3041.0	781.9
15	Dona, Alberto	HSS	Int.	6.53	0	934.2	7.26	0	882.7	2.19	0	220.1	7.59	25	867.7	2904.6	746.9
16	Thonet, Andy	SWSA	RES	6.58	50	995.5	3.51	50	507.2	3.26	0	326.2	8.58	50	996.5	2825.3	726.5
17	Higgins, Walter	DSH	E	4.22	10	602.6	8.08	50	984.2	7.05	0	672.9	3.37	10	391.8	2651.5	681.8
18	Swain, John	ISS	S	6.45	10	926.1	7.49	0	928.2	2.00	0	190.0	5.40	0	598.1	2642.4	679.4
19	Le, Tuan	DSH	E	7.01	25	972.7	8.02	10	956.0	5.55	0	562.1	0.00	0	0.0	2490.9	640.5
20	Khani, Ali	SULA	E	4.24	25	622.1	3.22	25	424.8	5.01	25	501.6	8.22	10	893.1	2441.7	627.8
21	Szego, Erv	HSS	Int.	4.30	10	620.7	4.23	0	520.5	9.52	0	937.3	3.19	0	350.1	2428.7	624.5
22	Pearson, Rick	VVRC	E	5.12	0	705.7	4.08	0	490.8	2.10	25	230.8	9.05	25	966.2	2393.6	615.5
23	Schaefer, Bruce	HSS	S	7.02	25	970.5	4.40	0	554.2	8.39	25	846.8	0.00	0	0.0	2371.4	609.8
24	Morjoseph, Mike	SWSA	E	4.18	0	583.6	4.26	10	536.5	10.04	25	968.7	2.22	25	274.8	2363.5	607.7
25	Chipman, Jeff	SWSA	Int.	4.47	10	659.2	0.00	0	0.0	6.40	10	643.3	9.01	0	948.2	2250.7	578.7
26	Anderson, Major	SWSA	E	5.30	0	746.4	4.35	0	544.3	3.45	0	356.3	5.10	0	545.4	2192.3	563.7
27	Smith, Jim	SWSA	RES	2.37	0	355.1	3.41	0	437.4	3.42	25	376.5	9.03	0	944.7	2113.7	543.5
28	Filice, Gary	TOSS	E	6.59	10	957.7	2.29	0	294.9	2.32	0	240.7	5.27	25	600.3	2093.6	538.3
29	Espolt, Ronnie	VVRC	RES	4.04	0	551.9	7.59	0	948.0	2.51	0	270.8	2.53	0	304.4	2075.0	533.5
30	Vera, Edgar	SWSA	RES	6.57	25	968.2	3.37	0	429.5	2.59	50	333.4	2.23	0	251.6	1982.7	509.8
31	Cavazos, Kerry	ISS	Int.	4.25	10	609.4	8.01	10	958.0	0.00	0	0.0	0.00	0	0.0	1567.4	403.0
32	Kratz, Steven	SCSR	ALES	2.23	0	323.5	4.00	0	475.0	2.01	0	191.6	3.38	0	383.5	1373.6	353.2
33	Townsend, Craig	HSS	Int.	7.50	0	836.9	0.00	0	0.0	0.00	0	0.0	0.00	0	0.0	836.9	215.2
34	Reagan, Mike	TOSS	RES	3.33	0	481.8	0.00	0	0.0	0.00	0	0.0	0.00	0	0.0	481.8	123.9

Traffic Camera

A man was driving when he saw the flash of a traffic camera. He figured that his picture had been taken for exceeding the limit, even though he knew that he was not speeding. Just to be sure, he went around the block and passed the same spot, driving even more slowly, but again the camera flashed. Now he began to think that this was quite funny, so he drove even slower as he passed the area again, but the traffic camera again flashed. He tried a fourth time with the same result. He did this a fifth time and was now laughing when the camera flashed as he rolled past, this time at a snail's pace. Two weeks later, he got five tickets in the mail for driving without a seat belt.



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

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 monthly raffles. In return, please support them, and mention that you saw them advertised in the HSS Plane Rap newsletter.

ROB'S R/C HOBBIES**Sales / Parts / Repair**

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

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

Robsrchobbies.com

robsrchobbies@earthlink.net



HSS Sponsors (continued)



HOBBY CLUB

"Only the best from around the World"

Alberto Dona

Director

www.HobbyClub.com

Hobbyclub@earthlink.net

<http://www.hobbyclub.com>

P.O. Box 6004

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

(949) 425-1362

(949) 349-0829

ADChobbystore.com

ADC Signature Series ARF Kits Vinyl

Free Shipping on All Orders Dating \$100.00 or more to the lower 48 States in the USA (Overseas Orders Excluded)
<http://www.adchobbystore.com/> Phone 949-285-9849

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)294-8365
e-mail tog4rc@pacbell.net



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):

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: 24 Nov 2014



HSS Sponsors (continued)

Hobby People®

18 Stores To Serve You In California & Nevada

**CLUB
MEMBER
NEWS**

APRIL 2015

COME SEE WHAT'S NEW AND EXCITING AT HOBBY PEOPLE!

NEW **SBD DAUNTLESS** #160017

ONLY 199⁹⁹

ARF Navy Dive Bomber

46-91 GP/EP Power

- All Wood Airframe
- Two-Piece Wing
- 63in Span
- R/E/A/T/F/Optional retracts



NEW #160019 **F-82 "BETTY JO"**

ONLY 379⁹⁹

ARF Twin Mustang

Twin 46 GP/EP Power

- All Wood Airframe
- World Record Holding Plane
- R/E/A/T/F/Optional retracts
- 79in Span



NEW **JUNKERS JU-52** #160014

ONLY 279⁹⁹

ARF Tri-Motor

• Three 2814 BL Motors & 40-Amp BL-ESCs (Required)

- R/E/A/T/F
- Easy access hatch
- 63in Span



NEW #159815 **P-51 "LADY ALICE"**

ONLY 199⁹⁹

ARF Mustang

46 GP/EP D-day Invasion Stripes

- All Wood Airframe
- Easy access hatch
- R/E/A/T/F
- Optional retracts




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

CALIFORNIA:

- El Cajon
- Fountain Valley
- Lakewood
- Murrieta
- Riverside

NEVADA:

- Rancho Cucamonga
- Encino
- Hesperia
- Lawndale
- Pasadena
- San Diego
- Las Vegas North
- Lake Forest
- Camarillo **At New Location**
- Orange
- Redlands
- Santa Clarita
- Las Vegas East

FOR STORE INFORMATION, CALL: 1-866-HOBBY-4-U

**Local Club Member
Appreciation Coupon**Below
Our
Cost!

#163170

Digital Timer

Counts Up Or Down, Minutes
And Seconds, w/Alarm

\$1⁹⁹ With this
coupon!

Offer Valid Through April 2015 Only

Price, specs, and availability may change without notice.
March Club Newsletter Ad from Hobby People.

hobbypeople.net



HARBOR SOARING SOCIETY OFFICERS FOR 2015

President	Henry Smith III	714-322-6537	henry.smith.3@earthlink.net
Vice President	Mike Fox	714-421-1556	brittanie1@verizon.net
Treasurer	Jim Hanson	949-294-8365	toq4rc@pacbell.net
Secretary	Ted Broberg	714-235-6430	tbroberg@earthlink.net
General Director	John Anderson	949-723-1556	johnhanderson36@gmail.com
Contest Coordinator	Mike Fox	714-421-1556	brittanie1@verizon.net
Safety Officer	Bruce Schaefer	714-814-6412	metaterra@msn.com
Alternate 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
Social Media Manager	David Miller	949-351-7047	davidjmiller949@gmail.com
Lead Flight Instructor	Ted Broberg	714-235-6430	tbroberg@earthlink.net

See our web site at www.1hss.org, our YouTube site at <http://www.youtube.com/user/hssletsfly>, and Facebook at www.facebook.com/harborsoaringsociety

NEXT CLUB MEETING WILL BE:

**TUESDAY APRIL 7, 2015, 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 12.**

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

