



Harbor Soaring Society

Charter #128 Costa Mesa, California
 AMA's Oldest Radio Controlled Soaring Club
 Silver Leader Club Since 2009



HSS PLANE RAP NEWSLETTER

HSS is the oldest AMA chartered R/C Soaring Club in the USA. Founded in 1964.
 Silver Leader Club since 2009, Gold Leader Club 2011-2013, 2015-2017.

March 2018

HSS IS NOW OVER 54 YEARS OLD!

Volume 55

Your help is needed at the Imaginology event at Orange County Fairgrounds. Contact Joel Jones. Details on Page 3.

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Coming Events and Soaring Competitions

March - May 2018

- Tuesday March 6, 2018. Round Table Pizza, 11095 Warner Ave. General meeting, 7 PM. See P.15 for details and location.
- Sunday March 18, 2018. Second SC-2 soaring competition of the 2018 season at SWSA, Fish Canyon flying site. See link on P. 10 of this newsletter.
- Tuesday April 3, 2018. Round Table Pizza, 11095 Warner Ave. General meeting, 7 PM. See P.15 for details and location.
- Tuesday May 1, 2018. Round Table Pizza, 11095 Warner Ave. General meeting, 7 PM. See P.15 for details and location.
- Friday April 13 through Sunday April 15. Imaginology even at Orange County Fair Grounds. See Page 3 for details.



February 6, 2018, General Meeting Minutes

The General meeting of HSS was held at Round Table Pizza, Fountain Valley, CA. on Tuesday, February 6, 2018. The meeting convened at 7:10 P.M. conducted by Joel Jones, President.

Board and Steering Committee Members in attendance were: Joel Jones, President; Mike Fox, Vice-President; Joni Whitsitt, Secretary; Mike Gackowski, Treasurer/Membership (filling in for Henry Smith who was absent); and Fred Hesse, Editor.

The meeting began with the Pledge of Alliance. Joel thanked everyone for coming.

Announcements-Events:

Joel asked for any news on Dick Odle. Fred Hesse reported Dick had emergency surgery and was in Hogue Hospital, but Fred is not sure when Dick will return home. John Anderson said he will get a card and ask the membership to sign the card before the close of the meeting. Joni reported Henry Smith had knee replacement surgery on January 24th and is home rehabilitating.

Joel apologized for not being at the field these days. He is enrolled in classes at Cerritos College and it is keeping him busy because in the fall he will be teaching commercial data collection and design payloads under 55 pounds, using drones.

John Anderson reported the park police have concerns about the flyers smoking at the park. No smoking is allowed in the park. John also recommended the club do a build design event. John is doing a design build event in San Luis, and has 42 students signed up. He said the club is in need of flight instructors. We need at least 4 volunteers. Presently Henry is the only instructor. Fred Hesse asked Joel any news on cable installation at the field. Joel said he had no news from the city.

Program:

Joel said he had no guest speaker tonight, but the exciting news occurring today 2-6-2018 was the Falcon Heavy launch by SpaceX. He said the entire launch generated 5 million pounds of thrust at lift off. This was only second to the Saturn V rocket last flown in the 1970's, which delivered more payload into orbit than the Falcon Heavy. Joel ran a video of the launch and boosters landing from his tablet. Joel said he was near Vandenburg and there was a bright stunning show in the sky. He suggested the next time there is a launch that members go to Fairview Park to watch.

Show And Tell:

Member Chuck Herrington showed his collection of paper airplane books by Floyd Fogelman and Richard Kline and some models he made.

Old Business:

None.

Opportunity Drawing:

Item: RTOF Bi-Plane donated by Bruce Gale

Winner: Mike Gackowski

Members in attendance:

Ralph Siegfried
Chuck Herrington
Rob Askegaard
Mike Fox
Sid Hood
Kevin Koch

Charlie Siegfried
Fred Hesse
Joel Jones
Mike Costello
Mike Gackowski
Larry Koch

Bill Sharkey
Ryan McMinimy
Joni Whitsitt
John Anderson
John Krug

The meeting adjourned at 8:15 pm. Respectfully, Joni Whitsitt, Secretary



HSS Membership – Renew now if you haven't.

Our 2018 HSS membership enrollment season is in full swing. Note that the new membership rate of \$25 per year is now in effect. PayPal will no longer be accepted as the cost and inconvenience did not justify the service. The latest membership application, dated 20 September, 2017, is included in the last pages of this newsletter. These can be mailed 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.harborsoaringsociety.org. 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 16 of this newsletter.

2918 Imaginology at Orange County Fairgrounds

HSS has again been invited to participate in the 2018 Imaginology event at the Orange County Fairgrounds. This is an annual event and HSS has been very active over the last several years. In 2017 we teamed with Squadron 68 of the Civil Air Patrol, and the Knights of the Round Circle. Initial details are shown below, but this gives us plenty of opportunity to plan for this really fun event. Your help is needed in this community service effort. Sign up for a half day or more with Joel Jones or Joni Whitsitt.



Friday, April 13: 9 a.m. - 3 p.m.
Saturday, April 14: 10 a.m. - 5 p.m.
Sunday, April 15: 10 a.m. - 5 p.m.

Words of Wisdom?

Only in This Stupid World.....do we leave cars worth thousands of dollars in the driveway and put our useless junk in the garage.

Only in This Stupid World.....do they have drive-up ATM machines with Braille lettering.

You know that indestructible black box that is used on airplanes? Why don't they make the whole plane out of that stuff?!



Fairview Park Fencing

As most are aware, the United States Fish and Wildlife Service (USFWS) has been assessing the San Diego Fairy Shrimp at Fairview Park. This is purported to be an endangered species, and the Service is convinced it can save them, at least at Fairview Park. This has triggered a flurry of fencing installation (beginning in December 2017), at least to the point of installing steel posts for the steel cable fencing. The City charged ahead, oblivious of the Fairview Park Steering Committee (FVP SC), or Measure AA which was an initiative approved by the voters of Costa Mesa that established the Steering Committee, and laws concerning what can be done by the city at Fairview Park.

Finally, the Steering Committee has come to life and brought the fencing project to a screeching halt. They have forced the city to remove a number of the fence posts (some shown at right), and are reviewing location and type of fencing construction.

Below are part of the draft minutes of the Fairview Park Steering Committee Regular Meeting held on Wednesday, January 10, 2018.



Old Business Item b.

Vernal Pool Fencing Project Update

Vice Chair Andy Campbell informed the FVP SC (Fairview Park Steering Committee) that installation of the vernal pool fencing project, which was supposed to be paused over the holiday break, had erroneously continued, and appeared more permanent rather than temporary as was discussed. Mr. Campbell concluded that there was a breakdown in communication which permitted the work to continue.

Mr. Raja Sethuraman, City Staff member, apologized for the continuation of work and miscommunications regarding temporary vs. permanent fencing. He explained that the work was done erroneously, and proposed to remove the posts and redo the work to the standards the committee was originally expecting. Mr. Sethuraman assured the FVP SC members that City staff are committed to doing what is right for Fairview Park.

Chair Anna Vrska suggested that City Policy 500-11 needs revision. Chair Vrska discussed that the Policy should potentially be an agenda item for the next FVP SC meeting so that the

Committee could make recommendations for revision to the City Council. She stated that revisions are needed because the Policy does not recognize the Committee, Measure AA, nor the new management structure for the FVP Administrator.

Members of the committee expressed several specific concerns about the fencing process moving forward including that the Parks & Community Services Dept. oversee projects and the Committee's needs, and that Public Services be involved with project implementation; the strength and stability of temporary posts as are currently used in the park now, asking for a larger temporary post; a desire to see specific plans that delineate where each post will be placed; and the style of fencing used on public right-of-way vs. in the parks interior.



Fairview Park Fencing (Continued)

Ms. Cynthia D'Agosta, City staff member, presented a list of potential next steps for fencing removal / re-installation for the Committee to agree upon. Each area of the ponds, and next steps for fencing, were discussed using a show of hands for group agreement on the following actions to be taken.

- a.** At the trail edge on the west side of vernal pools 5, 6, 7, all poles already installed will be removed. This will be the "test" area for successful, least disruptive removal of all posts. Vice

Chair Andy Campbell will submit a protocol for post removal to City staff. When the fence is re-installed, it will be set back five feet from the trail (toward vegetation) wherever possible. Temporary posts (green driven) will be set at sixteen feet on center.

- b.** Poles already installed around vernal pool 4, on the interior of the park, and those connecting vernal pool 4 to vernal pool 1, will be removed and re-installed with the same protocol as in item **a.** above.

- c.** Poles already installed along Canyon Drive will remain in place (protection from autos) at eight foot on center.

- d.** The areas connecting pool 4 to vernal pool 1 will be cordoned off with yellow caution tape during any wet weather and until new temporary posts (green driven) are installed.

- e.** To date, no fencing has been placed in areas around the northern edge of vernal pool 1 (no removal necessary). Temporary posts (green driven) to be installed per FVP SC recommendation to include additional potential restoration areas. FVP SC commits to further examination of this area and to provide recommendations to the City. The City will then generate a drawing with specific post locations before installation.

- f.** To date, no fencing has been placed in area along the bluff trail (no removal necessary). No new stakes will be placed until after Staff and FVP SC has had time to review alignment with US FWS (United States Fish and Wildlife Services).

- g.** On the park's east side, along Placentia Ave and on the interior of the park, poles have already been installed at eight foot on center. Every other pole will be removed to create a sixteen foot on center separation. Pole removal process will be same as in **a.** above.

- h.** On the park's east side, along the parking lot edge of vernal pool (where logs are placed) the already installed poles will remain eight foot on center to provide protection from autos.

Ms. Kim Hendricks and Mr. Alex Reich request that Vice Chair Andy Campbell be present to oversee removal of poles.

A request was made to have Mr. Barry Nerhus and Ms. Cynthia D'Agosta to review areas of sensitive plants for further consideration in fencing plans.

Chair Anna Vrska motioned that a subcommittee be established to work with staff on protocols and alignments for the fence removal and replacement process, and to study the north end of vernal pool 1 and bluff trail area. Motion is seconded by Mr. Alex Reich; motion passed unanimously. Ms. Kim Hendricks, Ms. Cindy Black and Vice Chair Andy Campbell will be on the subcommittee.

Richard Odle

We are very sorry to report that Richard Odle passed away. Please refer to the link below for a tribute to Dick.

<https://www.rcgroups.com/forums/showpost.php?p=39221040&postcount=1>



Model of the Month

Our model of the month is this Dynam Me-262, built by Ozzie Polit. It uses two 70 mm Electric Ducted Fans, and has a 60" wing span. It is powered by a 6 cell 4500 mAHr battery. The photos are courtesy of Rob Askegaard, who reports that it has very realistic flying characteristics. Thanks, Rob.



Another Model of the Month

We have a second Model of the Month built by Kenny Blasius. This is a J-3 Cub, from an old Sig kit that Kenny resurrected and brought to life. Photos courtesy of Rob Askegaard. Thanks, Rob. — Ed.



Seen Around the Field

Jeff Smith, instructor, with Michael Aguilar, student.



Jim Hanson with his Carbon Cub from Horizon Hobbies



Bob McKenzie holds his Bixler motor glider.



Murray McDoyle with his Milinia Master (Tower).



David Dennis (left), and Doyle Patten (right).

All photos courtesy of Rob Askegaard.



Seen Around the Field(Continued)

Jerry Smith holds his ducted fan Vought F8U Crusader.



Another view of Jerry's F8U.



Murray McDoyles P-47. Photos by Rob Askegaard.



Donations For Club Raffles

Members are invited to donate planes, radios, and all the things needed to keep them flying. These will be used for the raffles held at each monthly General Meeting. Stuff can be anything that has some value and/or can be repaired. Contact Henry Smith III with your donations. Contact info on last page of this newsletter.

Alberto Donna has generously donated four airplanes to the club for raffle prizes. Each are new or in very good condition and need only some small amount of TLC (remounting servos, gluing on a fin, installing new motors or basic radio installations.) There are two larger gliders, one smaller glider and one small park flyer type.

SC-2 Competition

The preliminary schedule for the Southern California Soaring Clubs 2018 competition schedule is shown below. Locations and dates are tentative except for the February 18 event at Hemet. Firm dates will follow as listed on <https://www.rcgroups.com/forums/showthread.php?t=2806592&goto=newpost> or the following link:

<https://www.rcgroups.com/forums/showthread.php?3012166-SC2-2018-Southern-California-Soaring-Clubs-Official-Thread>

February	18	Hemet	July	15	ISS (Soccer field)
March	18	SWSA	August	19	TOSS
April	15	Perris	September	16	TPG
May	20	Victorville	October	21 -	SWSA
June	17	HSS, Costa Mesa			

All event information and competition results will be found on these links.

The president of SC-2 provided the following.

This year I encourage the CD's to add a fly-off round at the end of the regular four rounds. The fly-off round will consist of the top 4 pilots in the points for that day, regardless of class. The fly-off round will be 10 minutes and the launches will be in as quick succession as we can make them. No sand bagging. The fly-off is essentially a one round competition. It will be scored separately and tracked for the year separately. I encourage as much hooting and hollering from the peanut gallery as possible. It will have no impact on the scores for that day or the overall SC2 standing. If we get enough CD's to participate in the fly-off round, there will be a \$100 prize to the highest standing pilot among pilots that flew fly-off rounds for the season.

Here is an interesting report by Mike Lee. This occurred at the March 2017 SC-2 event Number 2, hosted by SWSA (Silent Wings Soaring Association) in the foothills of Fish Canyon, Covina.

There was a potentially serious incident that occurred during the event. While I attempted to fly my 10 minute round, a chain of events pretty much wiped out the left side winch. I launched my plane into a normal high angle launch and was close to topping off the launch when the line broke near the plane. What I saw was the line break and it whipped downward into the winch, which was still spinning on the motor. The slacked line was caught up in the spinning drum and whipped a length of the line to the ground where it immediately tangled with the battery charger next to the 12-volt battery. In an instant, the line gripped the charger and tried to suck the charger into the drum...successfully. All I saw was many pieces of what used to be a battery charger fly upward past me and then raining down on me. I am convinced that I am quite lucky to be here writing this story as the winch suffered serious damage and there aren't enough parts left to rebuild the charger. To SWSA club members, I apologize for the incident and if there is anything I can do to help repair or acquire another winch, please let me know.



Team USA F3J Thread for Romania World Championship, July 2018

It is my great pleasure to announce the Selection of 6 outstanding Pilots, 2 Towers and the Team Managers for the USA to battle the World at Brazov, Romania in the summer of 2018. The Senior Pilots are Neal Huffman, Bob McGowan and Jody Miller. The Junior Pilots are Stoil Avramov, Noah Myers and Luke Glaab. The Team Manager is Gordon Buckland and the Junior Team Manager is Josh Glaab. We have selected Kelly Johnson to be the Tow Captain and Mark Browning and Dave Bradley as the Towers. This is a fabulous team loaded with talent and has a terrific opportunity to take Gold in Romania. Please congratulate the Team members and let's get behind this Team to make sure they have the best opportunity to represent this country with distinction.

Team Page is here. www.teamusaf3j.com/?page_id-1843

We will be starting our fundraising early with the biggest Raffle ever seen in RC Soaring and a nice range of apparel ready for you to order for Christmas. We are currently looking for Team Sponsors. If any of you have any worthwhile item or service to offer the Team we would love to include your donation as a prize in the raffle. Anything of value will be accepted so please contact me directly at gordon@teamusaf3j.com if you can help. We will promote the raffle and its sponsors on this thread and also on the [FaceBook Page](https://www.facebook.com/teamusaf3j) here www.facebook.com/teamusaf3j

We have some new sponsors this cycle with Peter Goldsmith Designs and Plane Quiver along with some very generous companies you need to support because of their extraordinary generosity such as Horizon Hobby.

Please go to the Raffle Page and purchase Tickets. We have a great EARLY BIRD DECEMBER Special with a free Team F3J T shirt for all Ticket buyers who spend \$100 or more in December 2017 AND 4 tickets for the price of 3. Get in early and grab your best chance at some incredible prizes. (Early Bird shirts are not in stock yet but they will ship as soon as they are received)

The SC-2 web site at <http://www.sc2soaring.com> may not be maintained any longer.

A Little Humor

Mike Costello sent this Snoopy cartoon that is involved with aircraft. Thanks Mike. - Ed.



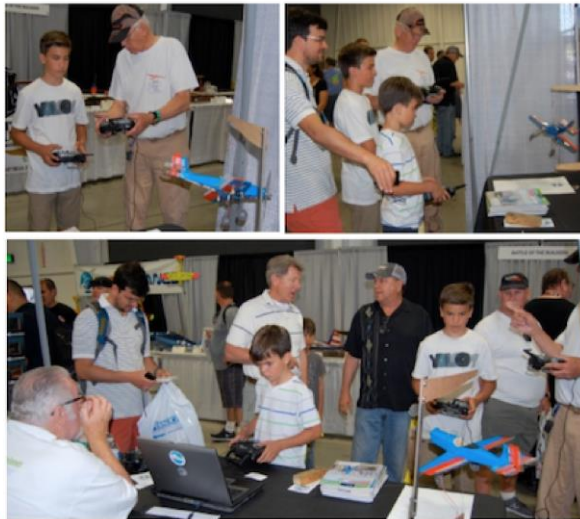
HSS History

Harbor Soaring Society is approaching its 55th year as the oldest AMA chartered soaring club in the USA. Members come and go, and very often miss the astonishing history of accomplishments that make this club what it is. Richard Odle has assembled a 31 page slide show covering barely the frosting of this club. Your editor is continuing a multi-month feature in this newsletter that will show part of this history each month. In the November issue we showed slides 1 through 5. Here are slides 20 through 23. We hope you do enjoy. For those of you that wish to research more on HSS, check out our archives.

Harbor Soaring Society Community Activities

Radio Control and Hobby Expo – 2014 and beyond

At OC Fairgrounds, exposing many kids to aviation



Supported by members of HSS, Ted Broberg, John Rittenhouse, John Anderson, Mike Fox, Robb Askegaard and many others all for the purpose of exposing kids to model aviation, flying simulators and explaining how airplanes fly and how they are controlled.

The kids and their parents were invited to our flying field to fly actual radio controlled airplanes, with dual controls.

Quite a few took advantage of this opportunity and have since entered the hobby... with perhaps a future in the aviation design and flying industry, a wonderful career.

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Harbor Soaring Society at Fairview Park

Community Benefits – Educating the Youth

A tribute to John Anderson, Ted Broberg and Dick Baxter for their years of service educating youth in a more formal setting at various schools, including Rea, Whittier, Wilson, Davis and Killeybrooke Elementary Schools, plus Te Winkle Intermediate, Irvine School Foundation, Newport Sea Base and others!



An example of the setting is here at Rea Elementary School where John and Ted collaborated with Mr. Harmon who teaches a formal study in airplane design. This involves DBF (Design, Build, Fly) where students receive instruction and then design, build and fly their creations.

These are first small paper or foam models, then graduate to larger models to test their skills. Those who show interest are then invited to our flying field where they fly Radio Controlled aircraft with dual controls by Ted.

The sky's the limit, perhaps leading to a career in aviation design or flying.

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HSS History (Continued)

Harbor Soaring Society at Fairview Park *Community Benefits – Youth Participation*

Construction of HSS Kiosk. A join effort between HSS members and Boy Scout Troop 711. Team effort at it's Best !



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Harbor Soaring Society at Fairview Park *Community Benefits – Youth Participation*



Here is Ted Broberg teaching a bunch of kids about the miracle of flight. Ted was the Secretary of the club and lead flight instructor for many years and never missed a meeting, always capturing the jist of the conversation, which was always published in our newsletter to provide information of current activities for the general membership thanks to Fred Hesse.

Notice if you will the absolute concentration of the kids, above, as Ted describes how to bank the aircraft to the right, thus making a turn. His hands say it all...

While a Cliché, our kids are our future, to be carefully nutured, and when done so they may become our future aircraft engineers and pilots... wonderful careers.



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FAA UAS Symposium

Here is an announcement concerning federal involvement with drone regulations. This came from an AMA communication called Ground Control.

Join the Federal Aviation Administration (FAA) and the Association for Unmanned Vehicle Systems International (AUVSI) in Baltimore, MD, as they co-sponsor the 3rd Annual FAA Unmanned Aircraft Systems (UAS) Symposium.



Integrating drones safely requires government, pilots, industry, and experts to work together.

In that spirit, the FAA is co-hosting the annual **UAS Symposium with AUVSI on March 6-8** in Baltimore, MD! **Space is limited**, so [register now](#).

Come hear the [latest updates](#) on remote identification, small package delivery, UAS Traffic Management, and the evolving UAS regulatory framework.

[Join workshops](#) geared to help you solve operational challenges, get waiver and airspace approval, or get experimental certification for you unmanned aircraft.

Get valuable information for using UAS in sectors like public safety, construction, agriculture, oil and gas, real estate, and more!

If you are interested in the Low Altitude Notification Capability – we have a workshop just for you!

If you're already a drone pilot or are considering becoming one, or if you're part of the UAS industry, then [this conference](#) is for you.

Join the conversation. We hope to see you there!

Fairview Park Weather Station

HSS utilize the very excellent weather station located at Waldorf School. Try this web site as it has an amazing amount of detail, both historical and predictive. There is even data that suggests good flying days and hours for slope soaring. This link will also be featured on our web site.

<https://www.wunderground.com/cgi-bin/findweather/getForecast?query=pws:KCACOSTA18> Click on the 10 day forecast to get detailed wind velocities and directions.



Plane Rap Archives

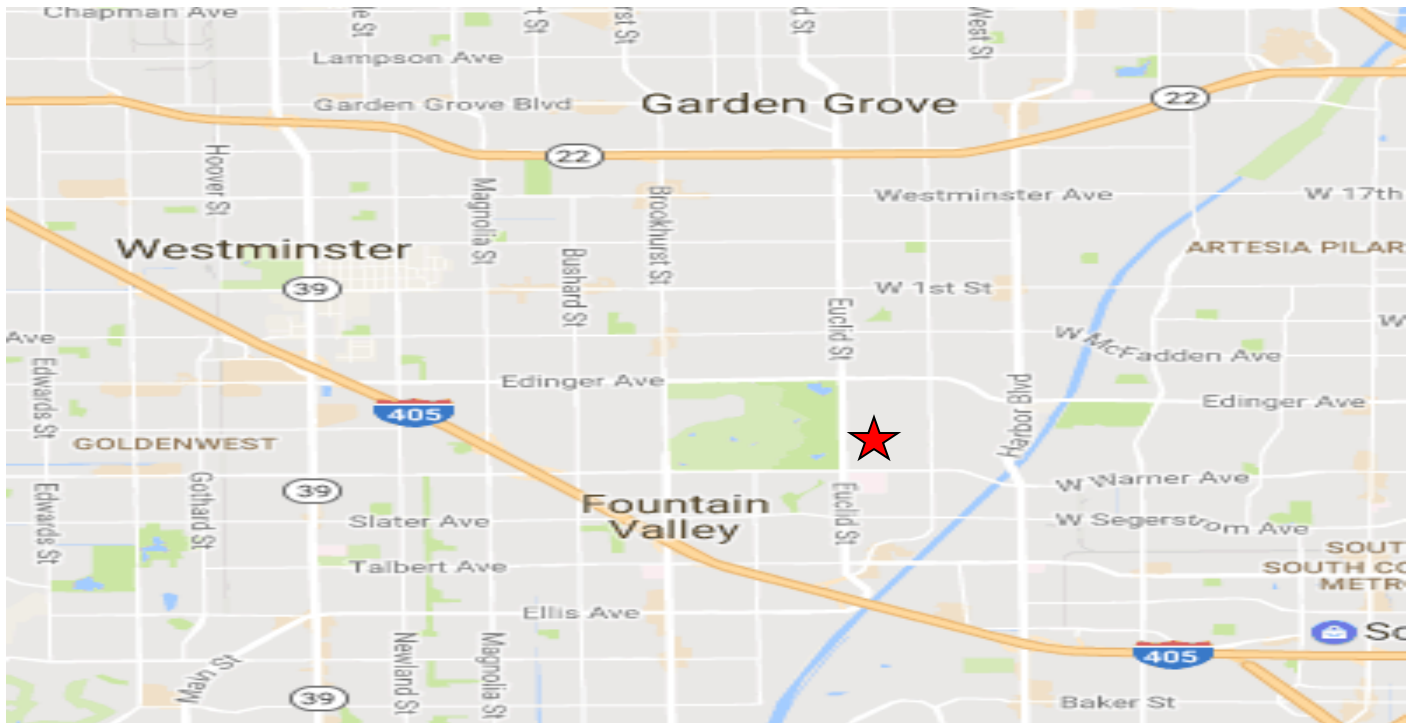
Thanks to John Brown, a previous editor of Plane Rap, we have found out that four recent issues were not published, so we won't list them as missing from our Plane Rap newsletter archives. January, July, and December of 2000, and January of 2001 are non-existent. Again, if any one has any part of the issues listed below, we would love to add them to our archives (or at least a copy of what you have).

1964 through 1983: All issues missing.	1994: Nov missing.
1984: Jan through Sept and Nov missing.	1995: Aug missing.
1985: June missing.	1996: Feb, June missing
1986: May missing.	1999: Dec missing.
1987: Feb missing.	

Plane Rap issues from 1984 to present are maintained by our Secretary Bruce Gale. This is 33 years of HSS history. These archives are open to all members. Copies can be made upon request, or issues may be checked out for temporary use. If you wish to access any issues, contact Bruce Gale as shown on the last page of this newsletter.

March 6, 2018 Meeting Announcement

Our monthly general meeting is held on the first Tuesday of each month. We meet at Round Table Pizza, 11095 Warner Ave. & Euclid (North-east corner) in Fountain Valley, at 7:00 PM. Phone number is (714) 839-0276. The Family Night rate is all-you can-eat pizza, plus one salad bar, for \$8.99. Fountain drinks are an additional \$1.59, self-service, or \$2.99 per liter. Beer and wine are available. We will meet our new officers for 2018 and have show-and-tell of your favorite plane. Bring your wife, family, and friends. There will be a raffle. The location map is shown below.



A Little More Humor

Eagles may soar, but weasels never get sucked into jet air intakes
— Anon



2018 City Flying Permits Available

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: \$50 per year for Costa Mesa residents. \$55 for nonresidents. Learner's Permit for youths 6-14 years old - \$TBD 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 driver's license.
- Copy of the AMA Membership Card (showing the required year) or home owner's/personal liability insurance policy (specifically covering model airplane/aircraft flying with a minimum limit of \$500,000).
- Renewal Fee 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 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.

Invitation To Members For Contributions To The Plane Rap Newsletter

Your editor would love to hear from club members. If there is anything you would like to share with the rest of us I want you to send it to me. I will add it to the next newsletter. My favorite things to publish are items sent in by members!! These can be anything like reviews of your plane or equipment, links to good videos, links to articles and things you have built or created. Bad spelling and/or grammar gladly accepted. Anything from a picture with a caption to a full blown build/review article is good. Letters-to-the-Editor are always welcome as well. Tell us what you think. Please help make the newsletter and website more interesting with your submissions. Embarrassing pics/vids are the best. I look forward to hearing from you.

Fred Hesse - Plane Rap Editor - fhesse@socal.rr.com .

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.

Anyone who wishes a high quality print or jpg file of their favorite plane should contact Rob, or your editor.



Plane Rap Classified Ads and Services - For Sale

We are pleased to offer free advertising space for anyone who has items or services for sale.

- Your newsletter editor is looking for new or used Airtronics (made by Sanwa) 2.4 GHz receivers. Size can be 4 to 8 channels. Preferred part number for a 6 channel receiver is 92224, or 92824 for an 8 channel receiver. These need to be compatible with FHSS-1 which interfaces with analog servos.

I have an Airtronics RD8000 transmitter that I really prefer, but with the demise of Hobby People, sources for this brand of radio are drying up. I will offer fair market value. Contact Fred Hesse, fhesse@socal.rr.com or 714-963-5838. Thanks.

- Larry Koch has a three meter glider wing, shown below, that he wishes to give to someone who can use it. It resembles a Gnome wing. Contact Larry at LL K larrylkoch@gmail.com if you are interested.

**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.comrobsrchobbies@earthlink.net

HSS Sponsors (Continued)**HOBBY CLUB****"Only the best from around the World"****Alberto Dona**

Director

www.HobbyClub.com

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

Hobbyclub@earthlink.net

(949) 425-1362

<http://www.hobbyclub.com>

(949) 349-0829

ADC Hobbystore.com
ADC Signature Series ARF Kits
ADC Vinyl
 Free Shipping on All Orders Exceeding \$100.00 or more to the lower 48 States in the USA (Oversize Orders Excluded)
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 Jim Hanson
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 Costa Mesa, CA 92627
 (949) 294-8365
 e-mail tog4rc@pacbell.net





MEMBERSHIP APPLICATION 2018

Harbor Soaring Society

AMA Chartered Club #128 - AMA's Oldest Chartered Soaring Club
P.O. Box 1673 Costa Mesa, CA 92628



I understand that by applying for membership in the Harbor Soaring Society I must be a current member of the AMA (Proof of status required, may be photocopy of membership card or AMA receipt of fees paid)

Name _____ AMA # _____

Address _____

City _____ State _____ Zip _____

Home Phone _____ Work Phone _____

Date of Birth _____ Email _____

- ☐ New Applicants (Without Name Tag) (all ages): \$25.00
☐ Adult Member (Renewal Without Name Tag) (19 years and older as of July 1st): \$25.00
☐ Junior Member (Without Name Tag) (19 years and under as of July 1st): \$10.00
☐ Family Member (Without Name Tag) (At Same Address): \$5.00
☐ Optional or Extra HSS Name Tag: \$15.00
☐ I hereby give my permission to publish my [Name], [Address], [Phone], [Email Address] in the monthly Newsletter. **Strike out those not to be published.** Note that the Newsletter is published on the club Website (<http://www.harborsoaringsociety.org>)
☐ I request a printed copy of the monthly Newsletter by U.S. Mail. Printing and Mailing: \$20.00/year

My primary interests in radio control flying are? Check all that apply. Show future interests with the letter F.

Thermal Duration Gliders _____	Slope Soaring Gliders _____	RES Gliders _____
Large Scale Gliders _____	Hand Launched Gliders _____	Electric Motor Gliders _____
Park Flyer Electric _____	Acrobatic Electric Planes _____	Scale Electric Planes _____
Electric Drones / Multi-rotor _____	Indoor Electric Planes _____	Electric Helicopters _____

In accordance with the Federal Equal Opportunity Act, this organization prohibits discrimination against anyone on the basis of race, color, religion, national origin, sex, marital status, age, individuals with disabilities or veterans. 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 for the following year. Applications for adult members submitted between July 1st and October 31st will pay a reduced rate of \$15.00 (name tags extra). A signature is required from all Harbor Soaring Society applicants, agreeing to comply with the current AMA Safety Code, the current HSS and Costa Mesa City General Field Rules, and FAA rules and regulations applicable to the flying of RC model Aircraft.

The undersigned attests that: I will operate my model using only radio frequencies for the control of fixed wing or multi-rotor aircraft, and/or data transmission, on equipment certified and approved for such use by the AMA, FAA or FCC as applicable. I understand that my failure to comply with the above restrictions will result in nullification of liability coverage for damages caused or claimed. I understand that my monthly newsletter will be delivered by E-mail unless the U.S. Mail request (shown above) has been selected.

SIGNATURE: _____ DATE: _____

Total Dues Owed and Attached: \$ _____

SIGNATURE OF CLUB OFFICER RECEIVING APPLICATION: _____

Revised: September 20, 2017 (MJG)



HARBOR SOARING SOCIETY OFFICERS FOR 2018

President	Joel Jones		simpleamps@me.com
Vice President	Mike Fox	714-421-1556	mlfox46@yahoo.com
Treasurer, Membership	Henry Smith III	714-322-6537	henry.smith.3@earthlink.net
Secretary	Joni Whitsitt	714-396-2523	whitsittjo@gmail.com
Contest Coordinator	Bruce Schaefer	714-814-6412	metaterra@msn.com
Safety Coordinator	Jim Sonnenmeier	814-490-9957	jrs36psu@gmail.com
Alternate Safety Officer	Vincent San Filippo Jr.	714-791-5588	vincsfjr@gmail.com
Grounds Keeper	Ryan McMinimy	714-948-0942	hotshotviper@hotmail.com
Editor/Publisher	Fred Hesse	714-963-5838	fhesse@socal.rr.com
Club Photographer	Rob Askegaard	714-968-1973	rmaskegrd@gmail.com
Social Media Manager	David Miller	949-351-7047	davidjmiller949@gmail.com
Lead Flight Instructor	Henry Smith III	714-322-6537	henry.smith.3@earthlink.net
Certified UAV/Drone Instructor	Joel Jones		simpleamps@me.com

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

NEXT CLUB MEETING WILL BE:

**TUESDAY MARCH 6, 2018, AT ROUND TABLE PIZZA, 11095 WARNER AVE.
COSTA MESA, GENERAL MEETING 7-9 PM.**

**BRING YOUR FAMILY, WIFE, AND FRIENDS FOR DINNER. WE WILL HAVE SHOW AND TELL, AND
A SPECTACULAR RAFFLE. SEE DETAILS AND INSTRUCTIONS TO LOCATION ON PAGE 15.
SEE THE COLOR NEWSLETTER SENT BY E-MAIL AND AVAILABLE ON OUR WEB SITE.**

Harbor Soaring Society
P.O. Box 1673
Costa Mesa, CA 92626

