



# 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 1964  
 Silver Leader Club since 2009, Gold Leader Club 2011-2013, 2015-2016.

May 2017

HSS IS NOW OVER 53 YEARS OLD!

Volume 54

**Help represent Harbor Soaring Society in our community service by staffing our Imaginology Expo booth at Orange County Fair Grounds. See Page 7 for information and contact Joni Whitsitt.**

### Plane Rap Index

Check out the following articles:

- April 4 General Meeting. P.2-4.
- Next Meeting Announcement. P.5.
- 2017 Schedule of RC Events. P.6.
- Imaginology Flyer. P.7.
- 11<sup>th</sup> Annual Warbirds Classic. P.8.
- Fokker D-7. P.9.
- More Fairy Shrimp. P.9.
- SC2 Competition at HSS. P.10.
- Seen Around the Field. P.11-12.
- HSS Membership. P.13.
- Fairview Park Weather Station. P.13.
- SC2 Competition Information P.13.
- Plane Rap Archives. P.14.
- Interesting Internet links. P.14.
- City Flying Permits for 2017. P.15.
- Contributions to Newsletter. P.15.
- Photos of Your Planes. P.15.
- Ads and Services. P.16.
- HSS Sponsors. P.16-17.
- HSS Membership Application. P.18.
- HSS Officer Contact Information. P.19.

### Coming Events and Soaring Competitions

May - June 2017

- Sunday April 30, 2017. Third SC-2 soaring competition hosted by Riverside RC Club. See [www.riversidercclub.org](http://www.riversidercclub.org) for details.
- Tuesday May 2, 2017. HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. General meeting, 7 PM. See P.5 for details.
- Sunday May 21, 2017. Fourth SC-2 soaring competition hosted by Victor Valley RC Flyers (VVRFCF). See [www.vvrccf.org](http://www.vvrccf.org) for details.
- Tuesday June 6, 2017. HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. General meeting, 7 PM. See P.5 for details.
- Friday-Sunday June 9-11. 11<sup>th</sup> Annual Warbirds Classic, at OCMA Blackstarr Field. See P.8.
- Sunday June 25, 2017. Fifth SC-2 soaring competition hosted by Harbor Soaring Society (HSS). See [www.harborsoaringsociety.org](http://www.harborsoaringsociety.org) and flyer on P.10 for details.



**General Meeting Minutes, April 4 2017.**

The General Meeting of HSS was held on Tuesday April 4, at Round Table Pizza, Fountain Valley, CA. The meeting convened at 7:07 P.M. Joni Whitsitt, President, officiating.

Board and Steering Committee Member in attendance were: Joni Whitsitt, Mike Gaczowski, Fred Hesse, and Bruce Gale.

The meeting began with the Pledge of Allegiance.

**Announcements, Joni Whitsitt****Imaginology**

This event is scheduled for Friday, April 21, Saturday, April 22, and Sunday, April 23, 2017 at the OC Fair Grounds. Volunteer sheets were passed around, and members were asked to sign up for 2-3 hour shifts. Volunteers are needed for the flight simulator station and John Anderson's Build N' Fly activity. We will also have a static model display. Knights of the Round Circle will participate on Saturday and Sunday, and the Civil Air Patrol will have a full scale flight simulator, glider, and wind tunnel. Students will primarily be in attendance on Friday, and the event will be open to the public on Saturday and Sunday.

**Guest Speaker:**

Larry "The Colonel" Klingberg, Master Builder and recent inductee into the AMA Hall of Fame, presented his latest building project, a Mignet Pou-du-Ciel. The Flying Flea is essentially a highly staggered biplane. Larry currently has the plane in bones, and is building the "Flying Flea" for the static competition for AMA Expo 2018.

The odd name comes from the French nickname for the Ford Model T automobile, "Pou de la Route" or "Louise of the Road" because Henry Ford's economy car was so common and initially came only in black. Although Henri Mignet took flying lessons, he could not get the hang of flying, so he dreamed of creating a Model T of the air, an airplane for the common man hence "Pou-du-Ciel". The HM14 was first of Henri's plane that was a success. The thirteen planes prior to that were not very good! Henri published books on how to build his planes, which become sold out editions. When eleven people died flying Henri's planes. England and France put a damper on them until Henri added a fix using a conjugated wing that the authorities accepted.

Over time, the models evolved into sleek planes that could fly at 120 mph, and pilots began adding conventional aircraft motors. One could say that Henri was the father of ultra-light aviation.

Larry's model is 5/8 scale and the wingspan is 13'. He began it 6 months ago, and has built it mostly out of white pine. Incredibly, Larry only has about \$80 in materials in the plane so far! The cowl is 20 years old from a Balsa USA Sopwith Pup. The nose of the plane is a roll of aluminum material from Home Depot, and the remainder of the fuselage is covered in Solartex fabric. The model has Dubro wheels, Hitec servos, and Larry plans to make the pilot figure. The entire plane will weigh 60lbs complete.

Thank you Larry for sharing your amazing modeling skills!

**Show 'n Tell**

Chuck Harrington presented his EasyBuiltModel kit – completely old school with printed on balsa parts, no die or laser cut. The wing is held on with wires, not glue. Chuck demonstrated his method of determining the area of a wing that is curved in two directions. The kit came with a 6" propeller, but he needed an 8" one, so he carved it. Chuck likes to select his own balsa wood because you really don't know the quality of the wood that comes in the kit.



**General Meeting Minutes, April 4 2017 (Continued)**

John Anderson shared a Build 'n Fly plane from 3x5 cards, other planes designed and assembled using foam take out tray planes, and a rubber-powered plane built with a stick and 3x5 cards.

Randy Wilbur shared a Hobby People P47 with retracts.

**Opportunity Drawing:**

Item:	Winner:
Ridge Runt	Mike Gaczowski
Sport Flyer 40	Larry Koch
Multiplex Easy Glider	Kevin Koch
Time-Digital Count	Ted Broberg
Gigolo Slope Soarer	Charlie Siegfried
Ball link set up	Jesse Calleros
Flight surface deflection scale	Mike Fox
Ball link set up	Dick Baxter
CG balancer	Ryan McMinimy
Hand launch glider	Chuck Herrington
Ball pivot screws	Ralph Siegfried

**Members in Attendance:**

Bruce Gale	Larry Koch	Ted Broberg
Charles Siegfried	Mike Gaczowski	Lawrence Klingberg
Dick Baxter	Mike Fox	Robert Davey
Fred Hesse	Ralph Siegfried	Richard Morley
Jesse Calleros	Rob Askegaard	Chuck Herrington
Joni Whitsitt	Ross Thomas	
Kevin Koch	Ryan McMinimy	

Respectfully,  
Bruce L. Gale, Secretary  
Harbor Soaring Society

Editor's Note: This concludes the official Minutes of the April 4, 2017 meeting. Fortunately, Bruce Gale was able to provide the minutes just in time for insertion into this newsletter. However, your editor had provided some notes and comments which follow. Apologies for the repetition. - Ed.

Joni provided the following description.

Our Guest Speaker for the April meeting is Master Builder and recently installed in the AMA Hall of Fame, Larry Klingberg. Larry's building a "Mignet Pou-du-Ciel. The odd name comes from the French nickname for the Ford Model T automobile "Pou de la Route" or "Louise of the Road" because Henry Ford's economy car was so common and initially came only in black. Henri Mignet dreamed of creating a Model T of the air, an airplane for the common man hence "Pou-du-Ciel". The Flying Flea is essentially a highly staggered biplane which at this time Larry has the plane in bones and is willing to share his construction story. He is building the "Flying Flea" for static competition for AMA Expo 2018.



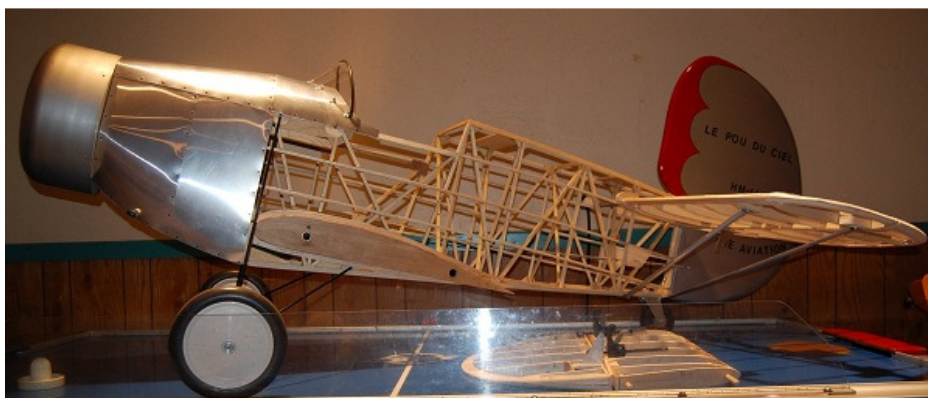
**General Meeting Minutes, April 4 2017. (Continued)**

Significant announcements were made by Joni Whitsitt, involving the urgent need for members to support the Imaginology Expo at Orange County Fairgrounds. See page 7 for schedule, and contact Joni if you can assist. Joni is shown at right, holding one of Dick Baxter's magnificent tissue covered planes that will be on static display at Imaginology.



Also, the SC2 soaring competition hosted by HSS is scheduled for Sunday June 25, 2017. Erv Szego will be Contest Director.

It was a spectacular meeting with featured guest Larry Klingberg describing the construction of his 5/8 scale Flying Flea, which he is preparing for the next AMA Convention in 2018.

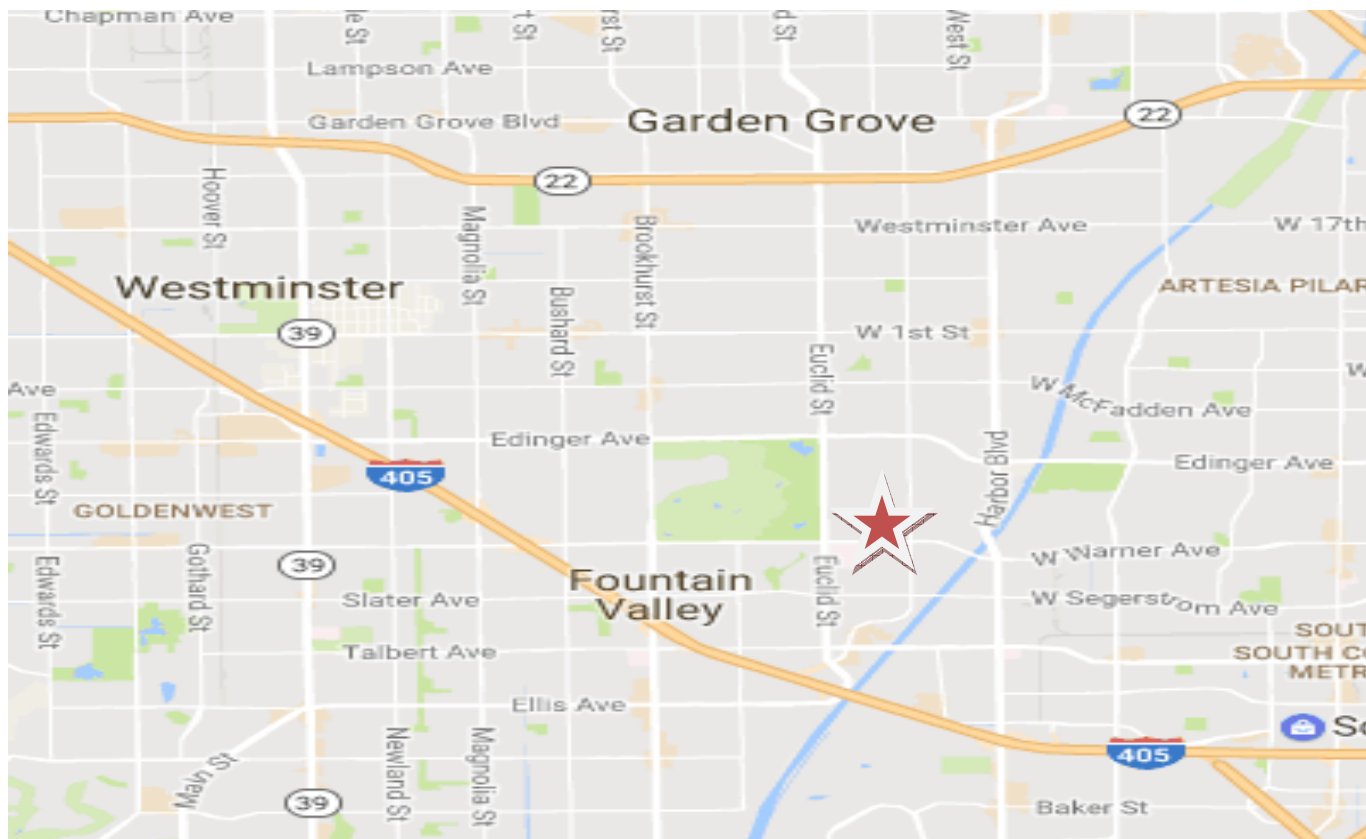


Many thanks to Rob Askegaard our club photographer for all of the wonderful photos. - Ed.



**May 2, 2017 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. Time will be allowed for show-and-tell of your favorite plane. Bring your wife, family, and friends. There will be a raffle. The location map is also shown below.

**August 12, 2017, is National Model Aviation Day**

The Academy of Model Aeronautics has just announced plans for the annual National Model Aviation Day. Here is their report. In the past, HSS has participated in this event.

Every year, National Model Aviation Day grows. We invite all clubs to host an event on August 12 to celebrate the hobby and raise public awareness for their groups and our national organization. AMA has developed several resources to help make your event a success. This year the AMA Executive Council has selected the AMA Foundation as the national charity of support for the 2017 celebration. We are now accepting 2017 sponsorships.



## 2017 Consolidated Schedule of RC Events

- ...February 16/17/18<sup>th</sup>
  - ...Saturday, February 25<sup>th</sup>
  - ...Saturday, February 25<sup>th</sup>
  - ...Sunday, February 26<sup>th</sup>
  - ...March 3/4/5<sup>th</sup>
  - ...Saturday, March 4<sup>th</sup>
  - ...March 17/18/19<sup>th</sup>
  - ...March 18<sup>th</sup>/19<sup>th</sup>
  - ...Saturday, March 18<sup>th</sup>
  - ...Saturday, March 25<sup>th</sup>
  - ...Saturday, April 8<sup>th</sup>
  - ...Saturday April 8<sup>th</sup>
  - ...April 8/9<sup>th</sup>
  - ...Sunday, April 9<sup>th</sup>
  - ...Saturday, April 22<sup>nd</sup>
  - ...Saturday, April 22<sup>nd</sup>
  - ...Sunday, April 30<sup>th</sup>
  - ...Saturday May 13<sup>th</sup>
  - ...May 12/13/14<sup>th</sup>
  - ...Saturday, May 20<sup>th</sup>
  - ...Sunday, May 21<sup>st</sup>
  - ...May 20/21<sup>st</sup>
  - ...Saturday June 10<sup>th</sup>
  - ...Saturday, June 10<sup>th</sup>
  - ...Saturday, June 10<sup>th</sup>
  - ...Sunday, June 11<sup>th</sup>
  - ...Saturday, June 17<sup>th</sup>
  - ...Saturday, July 1<sup>st</sup>
  - ...Saturday, July 8<sup>th</sup>
  - ...Saturday August 5<sup>th</sup>
  - ...Saturday August 12<sup>th</sup>
  - ...Sunday, August 13<sup>th</sup>
  - ...Saturday, September 9<sup>th</sup>
  - ...Saturday, September 9<sup>th</sup>
  - ...Saturday, September 16<sup>th</sup>
  - ...Saturday, September 16<sup>th</sup>
  - ...September 22/23/24<sup>th</sup>
  - ...Saturday September 23<sup>rd</sup>
  - ...Sunday, October 8<sup>th</sup>
  - ...Saturday, October 14<sup>th</sup>
  - ...October 21/22<sup>nd</sup>
  - ...Saturday, October 28<sup>th</sup>
  - ...November 4/5<sup>th</sup>
  - ...Saturday, November 18<sup>th</sup>
  - ...Saturday November 25<sup>th</sup>
  - ...Sunday, December 10<sup>th</sup>
- Coachella Valley RC Club "Jet Jam"
- Gilman Springs RC Flyers Members Appreciation Fun Fly
- Corona RC Club Scale Event
- SC2 Soaring Contest at Hemet Model Masters Lakeview/Davis Field
- Coachella Valley RC Club IMAC Event
- Orange County Modelers Association Swap Meet
- Victor Valley RC Flyers IMAC Event
- Hemet Model Masters Harry Gould Memorial Pattern Contest
- Corona RC Club Float Fly at Lake Perris
- Gilman Springs RC Flyers Club 40 Pylon Race
- Hemet Model Masters Springtime Fun Fly
- Menifee Valley Flyers Bomb Drop Competition
- US Scale Masters Qualifier/School at Gilman Springs RCF
- Chino Flyers Trainer 40 and Club 40 Pylon Races
- Gilman Springs RC Flyers "Dawn Patrol/Golden Age" Event
- Victor Valley RC Flyers Warbirds Pylon Race
- SC2 Soaring Event at the SCAMPS Field (next to RRCC Field)
- Menifee Valley Flyers Spring Swap Meet
- Hemet Model Masters "IMAC Event"
- Gilman Springs RC Flyers Spring Swap Meet
- Victor Valley RC Flyers SC2 Glider Event
- Riverside RC Club Quickie 500 Pylon Race
- Menifee Valley Flyers Electric Glider Competition
- Victor Valley RC Flyers Fun Fly
- Riverside RC Club Classic Pattern Get Together
- Chino Flyers Trainer 40 and Club 40 Pylon Races
- Corona RC Club Fun Fly
- Victor Valley RC Flyers Combat Event (Fly Till You Die)
- Gilman Springs RC Flyers Summer Night Fly
- Menifee Valley Flyers Members Appreciation Night Fly
- Menifee Valley Flyers Summer Swap Meet
- Chino Flyers Trainer 40 and Club 40 Pylon Races
- Hemet Model Masters Autumn Swap Meet
- Victor Valley RC Flyers Warbirds Pylon Race
- Gilman Springs RC Flyers "Warbirds Over Gilman Springs"
- Victor Valley RC Flyers Tailhook Contest
- Victor Valley RC Flyers IMAC Event
- Menifee Valley Flyers Annual Poker Fly
- Chino Flyers Trainer 40 and Club 40 Pylon Races
- Gilman Springs RC Flyers Fall Swap Meet
- AMA District 7 Pattern Championship at the RRCC Field
- Corona RC Club Halloween Float Fly at Lake Perris
- F3J Soaring Event at the SCAMPS Field (next to RRCC Field)
- Gilman Springs RC Flyers Club 40 Pylon Race
- Menifee Valley Flyers Fall Swap Meet
- Chino Flyers Trainer 40 and Club 40 Pylon Races

February 17, 2017



**Orange County Fair Imaginology**

Every year HSS participates in the OC Fair Imaginology event. Here is the initial announcement. All members are invited to participate in demonstrations and static displays. Contact Joni Whitsitt to help out.



**OCFAIR**  
**IMAGINOLOGY**  
◦ FULL S.T.E.A.M. AHEAD ◦



**Friday, April 21: 9 am - 3 pm**  
**Saturday, April 22: 10 am - 5 pm**  
**Sunday, April 23: 10 am - 5 pm**

**IMAGINOLOGY:** Encouraging young people to explore, discover and connect with Science, Technology, Engineering, Arts and Mathematics (STEAM)

Imaginology is a free three-day, family-friendly event featuring S.T.E.A.M.-related exhibits, hands-on activities and workshops for all ages, contests, entertainment, food and more.

We are inviting organizations like yours and individuals to share their work or hobby and educate our youth as a Feature Demonstrator. The participation of crafters, hobbyists, artists and educators contribute greatly to the success of Imaginology. This is an exceptional opportunity to have fun, interact with people and promote your craft or hobby.

To learn more about Imaginology go to [ocfair.com/steam](http://ocfair.com/steam).

**WE HOPE YOU WILL JOIN US!**

**DEMONSTRATOR APPLICATION**

For additional information contact Chris at (714) 708-1553 or [cgunst@ocfair.com](mailto:cgunst@ocfair.com)

This annual non-profit educational event is sponsored and underwritten by the OC Fair & Event Center



**11<sup>th</sup> Annual Warbirds Classic**

Scale Squadron is featuring the 11<sup>th</sup> annual Warbirds Classic, June 9-11 at BlackStarr field. Note the rubber powered free flight mass launch on Saturday evening.

**ATTENTION SCALE MODELERS\*PILOTS\*FANS!**

Tentative Dates. Please check our website for updates and details.  
Pre-Event Registration starts in February on RC Flight Deck

**ENTRY FEE: \$25.00/Pilot** (Scale Aircraft ONLY)  
Saturday Night ON-SITE Banquet:  
\$25.00/person

**Rubber Powered FF Mass-Launch Sat Eve.**  
Dry Camping: FREE  
Prizes and Awards  
Food Available - OCMA Fund Raiser

**Pre-Registration:** [RCFlightDeck.com](http://RCFlightDeck.com)

**Event Location: OCMA BlackStarr Field**  
5305 Santiago Canyon Road  
Follow Blue Diamond Road to the end  
Field GPS Coordinates:  
33deg 46'18.07 N  
117 deg 41'52.79 W  
<http://www.flyocma.com/Directions.htm>

**More INFO:** [scalesquadron.com](http://scalesquadron.com)



### A Fokker D-7 in Idaho

When Henry Smith III goes out of town on business, he keeps a lookout for interesting local sources of aviation culture. Henry's report follows.

"I took these photos at the War Hawk Museum in Nampa, Idaho, which is near Boise. This D7 replica is powered by a Hall Scott engine made in SF Bay area in the 20's. The engine looks like a pretty good copy of BMW or Mercedes motors from WW1."



### More Fairy Shrimp

On Thu, Mar 23, 2017 at 4:54 PM, Richard Odle reported: "At the City Council meeting Tuesday, at Public Comments 4, a video was shown regarding a newly discovered Vernal Pool at the park. The council showed interest in this regarding additional protection potentially being required. The so-called pool is just a VERY small "pool" of ponded water but clearly contains San Diego fairy shrimp. The link to the video is shown below. Just select March 21st meeting, expand the screen if necessary to see Public Comment 4 and select it."

<http://38.106.5.76/index.aspx?page=1259>

Jim Sonnenmeier evaluated the image and reported: "Here is a screen capture from the video -- admittedly not terribly clear. However, given the background seems to be looking over the cliff to the West-Southwest (notice power lines towers), the sign and the path, plus the presenter's mention of the 'road'. My guess is that the 'pool' is one of the three locations marked on the second image." Note: The second image could not be recovered from the E-mail, but the location is out near the bluff. - Ed.



**Fifth SC-2 Soaring Competition Hosted by HSS**

# Harbor Soaring Society

Charter #128 Costa Mesa, California

AMA's Oldest Radio Controlled Soaring Club

Silver Leader Club Since 2009



## Harbor Soaring Society Invites you to the June 2017 SC2 Contest

Website: <http://www.harborsoaringsociety.org/>

**Date:** Sunday, June 25, 2017

**Location:** Fairview Park 2525 Placentia Ave. Costa Mesa, CA 92628  
(Enter off of Canyon Dr. – see map)

**Field:** Dirt, a little Grass and More Dirt

**Contest Director:** Erv Szego  
(714) 235-9052

[ervszego@msn.com](mailto:ervszego@msn.com)

**Club President:** Joni Whitsitt  
(714)-396-2523

[whitsittjo@gmail.com](mailto:whitsittjo@gmail.com)

**Sign up:** 8:15 AM

**Pilots Meeting:** 8:45 AM

**Contest Starts:** 9:00 AM

**Fee:** \$10.00 Each Class – Open, RES

**Free for NOVICE and AMA Junior Members**

***No Flying over launch area or ANY area to the East of the launch area below launch height***

### TASKS:

4 Rounds of Precision Duration – flights each worth 950 points – landing 50 points – 1000 total per round.

*Round 1: 8 mins, Round 2: 8 mins, Round 3: 10 mins., Round 4: 10 mins., – For a total of 36 minstes* – Open flight order.

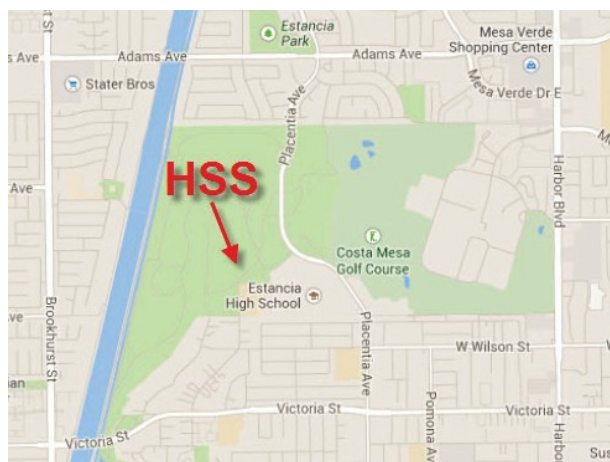
2 Winches with retrievers, approximately 450' to turnarounds, landing zone behind winches on model runway.

Electric launch is parallel to winch corridor. E-launch height is limited to 150 meters by limiting device.

**AWARDS:** OPEN Expert, Intermediate, Sportsman and RES – 1st thru 3rd place,

(RES) WOODY – 1st place only

**RULES:** AMA membership required All 2017 SC2 Rules apply Restroom available on site



GPS 33°39'37.11"N, 117°56'25.55"W

The field will be open at 7:30 AM and the winches will be set up by approximately 8:00 AM for practice or fun flying. The winches will be shut down at 8:45 AM for the pilots meeting.

See HSS website for more field info: <http://www.harborsoaringsociety.org/#!flying-sites/c8a3>



**Seen Around the Field**

Our Club Photographer, Rob Askegaard, has been working overtime to meet the schedule for this May newsletter. Your editor is most appreciative for these latest photos.



Dustin Adray with his electric ducted fan jet.



Bob McKenzie holds his "Fun Cub".



Jerry Smith holds his Horizon "Prometheus".



Todd MacAndrews prepares his "Shadow" for launch.



Bob Davey and his "Revolver" by Great Planes. It has a Rimfire 80 motor, and a 70" wingspan.



## Seen Around the Field (Continued)



Jerry Smith poses with his T-28 by E-Flite. It has a 5048 size 125 KV motor, 83" span, flaps, retracts, and engine sound system.

At right and below is a Douglas A4D Skyhawk, scratch designed and built by Ben Harber, and made from foam board. It is an EDF model with 30" span. Rob Askegaard reports that it flies very well.



At far right is Phil Bland and his 1/3 scale 93" span Fokker DR1 tri-plane from Balsa USA. It will have a .61 cu. in. gas engine.



**HSS Membership – Renew now if you haven't.**

Our 2017 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 16 Jan 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](http://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](http://www.modelaircraft.org), download document No. 902 from the publications page. Or you can apply on line. If you renew your AMA membership online, be sure to print the receipt that they provide as proof that you joined. And, don't forget your City of Costa Mesa Flying Permit. Details are shown on page 16 of this newsletter.

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

**Fairview Park Weather Station**

Jim Sonnenmeier suggests that 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>

**SC2 Competition Schedule for 2017**

Jim Sonnenmeier has provided the following tentative schedule for 2017. Several new clubs may be added. All dates will be Sundays unless otherwise specified.

February 26 – Hemet Model Masters - *Location:* Intersection of Warren and Simpson Road, Hemet.

March 19 – Silent Wings Soaring Association (SWSA) – [www.silent-wings.org](http://www.silent-wings.org)

April 30 – Riverside RC Club – Perris - [www.riversidercclub.org](http://www.riversidercclub.org)

May 21 – Victor Valley RC Flyers (VVRFCF) – [www.vvrcf.org](http://www.vvrcf.org)

June 25 – Harbor Soaring Society (HSS) – [www.harborsoaringsociety.org](http://www.harborsoaringsociety.org)

July ? – Inland Soaring Society (ISS) – [www.glideiss.us](http://www.glideiss.us)

August?

September?

October ?– Torrey Pines Gulls (TPG) – [www.torreypinesgulls.org](http://www.torreypinesgulls.org)

November ?– Rain Date

To be added:

Thousand Oaks Soaring Society (TOSS) – [www.toss.freesevers.com](http://www.toss.freesevers.com)

Big Bear? Palomar? Bakersfield?

Gone for good?

Soaring Union of Los Angeles (SULA) – [sula.club.org](http://sula.club.org)

Downey Soar Heads (DSH)



## SC-2 Competition Results

The results of the SC-2 soaring competitions held since May have not been posted at the SC-2 web site (sc2soaring.com) This web site has been abandoned. Try going to <http://www.rcgroups.com/forums/showthread.php?t=2572561&page=1> and sort through more than 11 pages of comments which are at least in chronological order. Alternately, try <https://www.rcgroups.com/forums/showthread.php?2806592-SC2-2017-Southern-California-Soaring-Clubs-Official-Thread> . Not nearly as convenient as the old way of getting results from the SC-2 web site.

## 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 32 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.

## Interesting Links

Here are more internet links that might be of interest, provided by Jim Sonnenmeier.

First is a youtube presentation called "The Future of Air Travel" produced by Arconic, a division of Alcoa.

<https://www.youtube.com/watch?v=kfBEmcjiB58> .

Next is the museum at Pensacola Naval Air Station, Florida. <http://www.cdsg.org/forums/viewtopic.php?t=337>

Third, a magnificent collection of Jessica Ambats aviation photography.

<http://www.jessicaambats.com/Portfolio/airplanes/i-x8JrdK7> .

For a look at Avalon 2017, the Australian International Airshow. [info@aviationphotodigest.com](mailto:info@aviationphotodigest.com) .

Canada's forgotten WW-1 ace, Roy Brown.

<http://news.nationalpost.com/news/canada/a-lifetime-after-shooting-down-the-red-baron-canadas-forgotten-first-world-war-ace-roy-brown-honoured-in-his-hometown>

Adamas: A 5.5 meter motor glider, by Vriendelijke groeten ;) Ron. near Nijmegen, Nederland

Pictures: <http://s305.photobucket.com/user/prop-er/library/Mobile%20Uploads>

Design, build & flight video, 23min. [https://youtu.be/IB3\\_-jXYAxM](https://youtu.be/IB3_-jXYAxM)

Design & build thread: <https://www.modelbouwforum.nl/threads/de-bouw-van-de-adamas.168133>  
<https://www.rcgroups.com/forums/showthread.php?2855502-Project-ADAMAS-Homebuild-18ft-full-composite-glider>

Thanks Jim, for your inputs. - Ed.



**2017 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](http://www.costmesaca.gov) and downloading the file Model Airplane Fly Permit 2014.pdf. You must also show proof of adequate liability insurance in the form of a current Academy of Model Aeronautics (AMA) membership card or a current homeowners/personal liability policy specifically covering model aircraft operation with a minimum limit of \$500,000. Rules and regulations for flying the model aircraft can be found in the City of Costa Mesa Municipal Code, Title 12, Chapter II, Articles 2 & 3.

**Permit Fee:** \$25 per year. Learner's Permit for youths 6-14 years old - \$15 per year.

**WALK-IN** Costa Mesa City Hall (77 Fair Drive, Costa Mesa 92626), 3<sup>rd</sup> Floor Recreation Counter Tuesday through Thursday from 8:00 AM – 4:30 PM (excluding City-observed holidays),

**MAIL-IN** Mail your renewal packet (see list below), to include full payment, to:

Recreation Division – Fly Permit

City of Costa Mesa, P. O. Box 1200, Costa Mesa, CA 92628

Renewal Packet must include **ALL** of the following:

- Permit Application (filled out and signed).
- Copy of your drivers license.
- Copy of the AMA Membership Card (showing the required year) or homeowner's/personal liability insurance policy (specifically covering model airplane/aircraft flying with a minimum limit of \$500,000).
- Renewal Fee (\$25); payment by Check (payable to City of Costa Mesa) or charge to Credit Card (filled out and signed).

Note: Current permit holders with email addresses on file with the City will receive renewal packet 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 Member 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](mailto: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. Phone and E-mail contact information are shown on the last page of this newsletter.



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

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

This month, Bob McKenzie has an "Apprentice" aircraft for sale. It is a foam trainer with tricycle gear. Bob is asking \$100, and may be reached at 949-644-0676.

**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.

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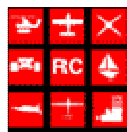
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## MEMBERSHIP APPLICATION 2017

## 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: January 16, 2017 (FMH)



## HARBOR SOARING SOCIETY OFFICERS FOR 2016

President	Joni Whitsitt	714-396-2523	<a href="mailto:whitsittjo@gmail.com">whitsittjo@gmail.com</a>
Vice President	Henry Smith III	714-322-6537	<a href="mailto:henry.smith.3@earthlink.net">henry.smith.3@earthlink.net</a>
Treasurer	Mike Gaczowski	949-632-1747	<a href="mailto:mgaczowski@cox.net">mgaczowski@cox.net</a>
Secretary	Bruce Gale	949-394-3924	<a href="mailto:galebl@cox.net">galebl@cox.net</a>
Contest Coordinator	Bruce Schaefer	714-814-6412	<a href="mailto:metaterra@msn.com">metaterra@msn.com</a>
Safety Officer	Jim Sonnenmeier	814-490-9957	<a href="mailto:irs36psu@gmail.com">irs36psu@gmail.com</a>
Alternate Safety Officer	Vincent San Filippo Jr.	714-791-5588	<a href="mailto:vincsfjr@gmail.com">vincsfjr@gmail.com</a>
Grounds Keeper	Ryan McMinimy	714-948-0942	<a href="mailto:hotshotviper@hotmail.com">hotshotviper@hotmail.com</a>
Editor	Fred Hesse	714-963-5838	<a href="mailto:fhesse@socal.rr.com">fhesse@socal.rr.com</a>
Publisher	Fred Hesse	714-963-5838	<a href="mailto:fhesse@socal.rr.com">fhesse@socal.rr.com</a>
Club Photographer	Rob Askegaard	714-968-1973	<a href="mailto:rmaskegrd@gmail.com">rmaskegrd@gmail.com</a>
Social Media Manager	David Miller	949-351-7047	<a href="mailto:davidjmiller949@gmail.com">davidjmiller949@gmail.com</a>
Lead Flight Instructor	Ted Broberg	714-235-6430	<a href="mailto:tcbroberg@gmail.com">tcbroberg@gmail.com</a>

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

## NEXT CLUB MEETING WILL BE:

**TUESDAY MAY 2, 2017 AT ROUND TABLE PIZZA, 11095 WARNER AVE.**

**FOUNTAIN VALLEY, GENERAL MEETING 7-9 PM.**

**BRING YOUR FAMILY, WIFE, AND FRIENDS FOR DINNER. WE WILL HAVE A SPECTACULAR RAFFLE. SEE DETAILS AND INSTRUCTIONS TO LOCATION ON PAGE 5.**

**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**

