



# 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.

February 2017

HSS IS NOW OVER 53 YEARS OLD!

Volume 54

**Renew your HSS Membership by the end of March 2017, or your newsletter delivery will be curtailed.**

**See Page 15 for details.**

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### Coming Events and Soaring Competitions

February - April 2017

- Tuesday February 7, 2017. HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. General meeting, 7 PM. See P.16 for details.
- Tuesday March 7, 2017. HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. General meeting, 7 PM. See P.16 for details.
- Saturday March 11, 2017. A safety meeting is planned for all HSS members and non-members. This will be at 9 AM and will be conducted by Greg Stone, AMA Assistant Vice President for Area X.
- Tuesday April 4, 2017. HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. General meeting, 7 PM. See P.16 for details.
- Imaginology, scheduled for Apr 21-23, 2017. See page 14 for details.



**General Meeting, January 3, 2017.**

The General Committee meeting of HSS was held at Round Table Pizza, Fountain Valley, CA on January 3.. The meeting was convened at 7:00 P.M. conducted by Joni Whitsitt, President.

Board and Steering Committee Member in attendance were: Joni Whitsitt, Henry Smith III, Vice President, Mike Gaczowski, Treasurer, Fred Hesse, Editor, and Bruce Gale, Secretary..

The meeting began with the Pledge of Allegiance.

**Announcements, Joni Whitsitt****AMA Expo**

The AMA Expo West was held on Jan 6 - 8, 2017 at the Ontario Convention Center. This included a District X, XI meeting on Saturday. HSS club members were encouraged to carpool and attend.

**Passing of Paul Bender, Hobby People**

HSS expresses heartfelt condolences the family and friends on the passing of Paul Bender, founder of Hobby People. Members attending the January 2016 General Membership meeting signed a Sympathy card.

**2017 Membership Renewal, Mike Gaczowski**

The AMA now requires that membership align with a calendar year. HSS will not enforce this requirement this year, but will conform to it next year. Renewal reminders will be sent out at the end of February and beginning of March 2017.

**2017 Event Planning**

The Steering Committee will begin scheduling events for 2017. These will appear in the newsletter. HSS members are heartily encouraged to share the types of programs and events they would like to see scheduled at meetings, the flying field, or for field trips.

**Old Business, Joni Whitsitt**

Joni is working on the club budget for 2017. In order to help cover the cost of club expenses such as equipment and field maintenance, the membership goal for 2017 is set at 125.

**New Business**

To have a greater voice in the operation of Fairview Park, a suggestion was made that John Rittenhouse would be a good candidate for one of two openings for Park Commissioner.

It was noted that HSS brochures need updating and some left with the Costa Mesa Parks & Recreation office.

**Guest Speaker: Chuck Herrington (Shown at right)**

In addition to showing and presenting a number of his rubber powered free flight planes with members, Chuck shared a number of interesting antidotes. While a quick search online revealed several explanations as to why American soldiers were called "Doughboys" during WW1, Chuck's version is that the Salvation Army sent over about a dozen ladies to make donuts for the troops, and thereafter, the Brits began to refer to US soldiers as "Doughboys". Fun story, whether historically accurate or not.

Chuck related an anecdote that for some, may give evidence to the idea that there are really no coincidences, but rather some other force seeks to do good. A DGA model plane did not pass directly from father to son as one might think, but took a circuitous route when it was thrown out by an air museum, where it was rescued from the trash and made its way to a grateful son.



**General Meeting, January 3, 2017 (Continued).**

For those interested in rubber powered free flight, check out the “bible” of free-flight by Don Ross.

Chuck also shared a modeling tip on adhesives. Chuck recommends only using a CA (cyanoacrylate) adhesive to quickly tack parts together, and followed by use an epoxy type adhesive for a permanent bond.

**Show ‘n Tell**

Jesse Calleros, shown below left, presented a “Yard Stick”, rubber-powered plane that included a dethermalizer, a Sparky rubber-powered plane, and a small Japanese plane. Dick Baxter immediately made suggestions on modifications.

Henry Smith III, shown below right, shared a Twin Star that was extensively modified with components from Park Flyer Plastics to become a flying boat. Henry flies this plane at Huckleberry Pond in Anaheim. Henry also added a data logger to accumulate flight metrics such as which antenna is getting the most hits, fades and holds. In addition, one could add a telemetry kit to get real-time information. Henry strongly advised members to range check their planes. Skipping this important step is sadly often the cause for crashes at the field.

Finally, Henry showed, and recommended, a Craftsman battery-powered sander for foam, and a Rustoleum spray grip that can be attached to a spray can. It’s easier on the finger and gives a better spread.

**Opportunity Drawing:**

Item:	Donor:	Winner:
Magnetic parts holder	Bruce Gale	Larry Koch
Electric glider		Kevin Koch
Sealing iron		Ted Broberg
Foam glue		Ross Thomas
Battery		Ryan McMinimy
EC Plug - Pigtail		William Vincent II
Tachometer		Sid Hood
Loctite Glue		Mike Gaczowski
Driver set		Bob Voss
Charger		Ryan McMinimy
EC3 Plug-Pigtail		Rob Askegaard
Prop		Jesse Calleros

**Members in Attendance:**

Bruce Gale, Sec.	Kevin Koch	Ryan McMinimy
Dick Baxter	Larry Koch	Sid Hood
Fred Hesse, Editor	Mike Gaczowski	Ted Broberg
Henry Smith III, VP	Mike Fox	William Vincent II
Jesse Calleros	Randy Wilbur	Chuck Herrington
John Anderson	Rob Askegaard	Margarita Herrington
Joni Whitsitt, Pres.	Ross Thomas	Bob Sliff

The meeting was adjourned at 8:18 PM. Respectfully, Bruce L. Gale, Secretary - Harbor Soaring Society



**Steering Committee Meeting, January 11, 2017**

The Steering Committee meeting of HSS was held at Round Table Pizza, Fountain Valley, CA. The meeting convened at 6:05 PM. Joni Whitsitt, President, presiding.

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

**New Business**

Proposed Budget for 2017:

- Will add \$100 to the budget for the Imaginology event

- Will add \$50 to the budget for an HSS Open House event for Costa Mesa residents

- Will reduce the Concert in the Park budget to \$0

- Will Increase the training supplies budget to \$200

The following Club Promotion events for 2017 were approved by the Steering Committee:

- Imaginology

- Three concerts in the park

- Scarecrow event

- HSS Open House for Costa Mesa residents and schools

- Fairview Park clean-up event. Proposed by Fred to provide a community service

Open action items for 2017 SC<sup>2</sup> glider events:

- Setting dates

- Advertising for each event

- Acquiring permits

- Posting flyers at field

Other proposed 2017 events:

- Bent Wing contests

- Electric Fun Fly

- A Contest Director is needed to organize the Fun Fly event. A request for volunteers will be posted in the newsletter and added to the agenda for the next general meeting. Fred will draft the text for the newsletter and submit it to the Steering Committee for review.

HSS Property Inventory:

- Need to inventory all items the club owns. Joni will ask to ask Ryan McMinimy to do this.

A club-wide Safety Meeting is tentatively scheduled for March 11, 2017, 9 AM with Greg Stone, District X VP. Joni will invite Greg and bring donuts.

Joni will send the City of Costa Mesa an updated version of the AMA Safety Code to post on the city's web site. Joni will ask the city if they would post a link to the code on the AMA web site so that it will always remain current.

Mike will send an updated HSS flyer to post on the City of Costa Mesa web site.





**Steering Committee Meeting, January 11, 2017 (Continued).**

HSS will purchase the big screen television from Hobby People. It will be used for Imaginology and other club events.

Joni will ask Henry Smith III to complete and submit the application to the AMA to renew the club's Gold Leader status.

Joni will complete the AMA charter renewal for 2017.

Joni will contact Larry Koch, Joe Taylor, and Charles Bilstron to ask if they are active as club trainers. This is to determine if HSS will pay the additional fee required by the AMA for flight trainers.

Mike will cancel the PayPal account to eliminate this expense and the associated paperwork. Following cancellation, acceptable forms of payment for membership are cash, check or money order. The web site will be updated to remove PayPal as an option.

Joni will check with Henry that the Use Agreement with City of Costa Mesa for the flying field and the shed is still in force. Joni will ask Henry to forward copies of these agreements to Bruce.

Joni proposed a Mexican theme for the 2017 Holiday Party. Joni will look at options for this.

Topics deferred to the February 2017 Steering Committee meeting:

- How to increase membership

- How to increase General Meeting attendance

The Steering Committee meeting was adjourned at 7:45 P.M.

Respectfully,

Bruce L. Gale, Secretary

**AMA Convention, January 6-8, 2017**

Rob Askegaard and your editor attended the AMA Convention at Ontario Convention Center on Saturday.

As always, Larry Klingburg had some magnificent scale models on display. At right is a 1931 bi-plane glider which is set up on floats. Now that is unique.

Larry does beautiful workmanship on these massive models.



**AMA Convention, January 6-8, 2017 (Continued)**

Also at right is another Larry Klingburg model of the Boeing/Stearman PT-17, with astonishing detail, especially in the rigging.



One of Rob's favorite models at the show was this beautifully finished Grumman F7F-3 Tigercat shown at right. The quality of foam molding is steadily improving, and details such as landing gear and prop hubs are magnificent. This is a FlightLine RC model, available through Motion RC ([www.motionrc.com](http://www.motionrc.com))



Rob always has an appreciation for beautiful women, and in this case a quite capable one as well.

At left is Julian Guthrie who gave a seminar on "How to make a spaceship", which is also the title of her top selling book. It was an excellent lecture, and she was assisted by Dan Kreigh who is the structural engineer of SpaceShipOne. A number of video clips showed how models were used by Burt Rutan during the development of his space ship.

Of course Rob had to meet the author, and procure an autographed copy of her book. Well worth the effort Rob, nice photos.



**2017 Consolidated Schedule of RC Events**

The following activities are planned by this group known as The Inland Valley Clubs, located east of Orange County. In addition, the Southern California Soaring Clubs (SC2) will soon establish their competition schedule for soaring clubs throughout Southern California.

* <b>January 6/7/8<sup>th</sup></b>	<b>AMA Expo at the Ontario Convention Center</b>
* <b>January 14/15<sup>th</sup></b>	<b>Coachella Valley RC Club "Desert Warbirds" Event</b>
* <b>Saturday, January 28<sup>th</sup></b>	<b>Hemet Model Masters Annual Swap Meet</b>
* <b>Saturday, Feb. 11<sup>th</sup></b>	<b>Gilman Springs RC Flyers Members Appreciation Fun-Fly</b>
* <b>Saturday February 11<sup>th</sup></b>	<b>Menifee Valley Flyers Winter Swap Meet</b>
* <b>Sunday, February 12<sup>th</sup></b>	<b>Chino Flyers Trainer 40 and Club 40 Pylon Races</b>
* <b>February 16/17/18<sup>th</sup></b>	<b>Coachella Valley RC Club "Jet Jam"</b>
* <b>Saturday, February 25<sup>th</sup></b>	<b>Corona RC Club Scale Event</b>
* <b>March 3/4/5<sup>th</sup></b>	<b>Coachella Valley RC Club IMAC Event</b>
* <b>March 18<sup>th</sup>/19<sup>th</sup></b>	<b>Hemet Model Masters Harry Gould Memorial Pattern Contest</b>
* <b>Saturday, March 18<sup>th</sup></b>	<b>Corona RC Club Float Fly at Lake Perris</b>
* <b>Saturday, March 25<sup>th</sup></b>	<b>Gilman Springs RC Flyers Club 40 Pylon Race</b>
* <b>Saturday, April 8<sup>th</sup></b>	<b>Hemet Model Masters Springtime Fun Fly</b>
* <b>Saturday April 8<sup>th</sup></b>	<b>Menifee Valley Flyers Bomb Drop Competition</b>
* <b>Sunday, April 9<sup>th</sup></b>	<b>Chino Flyers Trainer 40 and Club 40 Pylon Races</b>
* <b>Saturday, April 22<sup>nd</sup></b>	<b>Gilman Springs RC Flyers "Dawn Patrol/Golden Age" Event</b>
* <b>Saturday May 13<sup>th</sup></b>	<b>Menifee Valley Flyers Spring Swap Meet</b>
* <b>May 12/13/14<sup>th</sup></b>	<b>Hemet Model Masters "Early Bird Float Fly"</b>
* <b>May 12/13/14<sup>th</sup></b>	<b>Hemet Model Masters "IMAC Event"</b>
* <b>Saturday, May 20<sup>th</sup></b>	<b>Menifee Valley Flyers Electric Glider Competition</b>
* <b>Sunday, June 11<sup>th</sup></b>	<b>Chino Flyers Trainer 40 and Club 40 Pylon Races</b>
* <b>Saturday, June 17<sup>th</sup></b>	<b>Corona RC Club Fun Fly</b>
* <b>Saturday, July 8<sup>th</sup></b>	<b>Gilman Springs RC Flyers Summer Night Fly</b>
* <b>Saturday August 5<sup>th</sup></b>	<b>Menifee Valley Flyers Members Appreciation Night Fly</b>
* <b>Saturday August 12<sup>th</sup></b>	<b>Menifee Valley Flyers Summer Swap Meet</b>
* <b>Sunday, August 13<sup>th</sup></b>	<b>Chino Flyers Trainer 40 and Club 40 Pylon Races</b>
* <b>Saturday, September 9<sup>th</sup></b>	<b>Hemet Model Masters Autumn Swap Meet</b>
* <b>September 22/23/24<sup>th</sup></b>	<b>Hemet Model Masters "Open Pine Float Fly"</b>
* <b>Saturday, September 16<sup>th</sup></b>	<b>Gilman Springs RC Flyers "Warbirds Over Gilman Springs"</b>
* <b>Saturday September 23<sup>rd</sup></b>	<b>Menifee Valley Flyers Annual Poker Fly</b>
* <b>Sunday, October 8<sup>th</sup></b>	<b>Chino Flyers Trainer 40 and Club 40 Pylon Races</b>
* <b>Saturday, October 14<sup>th</sup></b>	<b>Gilman Springs RC Flyers Fall Swap Meet</b>
* <b>Saturday, October 28<sup>th</sup></b>	<b>Corona RC Club Halloween Float Fly at Lake Perris</b>
* <b>Saturday, November 18<sup>th</sup></b>	<b>Gilman Springs RC Flyers Club 40 Pylon Race</b>
* <b>Saturday November 25<sup>th</sup></b>	<b>Menifee Valley Flyers Fall Swap Meet</b>
* <b>Sunday, December 10<sup>th</sup></b>	<b>Chino Flyers Trainer 40 and Club 40 Pylon Races</b>

To make additions and/or changes to the Consolidated Schedule of RC Events, email Bob Estrella at [EstrellaRC@hughes.net](mailto:EstrellaRC@hughes.net) or phone him at (951) 490-2222.





### HSS Electric Fun Fly Suggestions

HSS has had a tradition of putting on an electric fun fly event each year. Your officers need a little encouragement to plan the event, so we need members to express their opinion as to their interest in participating, and what events you would be interested in. Below are descriptions of some activities. Certainly not all would be attempted, but it is important for you to contact your officers and tell them what you would like to see included. Please note that this is a fun fly and not a fierce fly, the idea is to have fun.

#### Limbo Fly By:

Set up two poles about 10 feet high and 40 feet apart on the runway. Poles should have marks at one foot increments. Place a crepe paper or similar weak ribbon between the poles at the highest part of the poles. Competitors are to fly under the ribbon without touching the runway. A maximum of three tries for each ribbon position is allowed. Breaking the ribbon or touching the ground eliminates the pilot. Lower the Ribbon and repeat until one pilot remains.

#### Precision Runway Landing:

1. The object of this event is to land as close to the centerline of the runway tape as possible.
2. The landing tape will be anchored at both ends, and parallel with the direction of the prevailing wind.
3. The pilot will stand in the designated pilot area 20' to the left or right of the runway tape. (Be sure to mark the pilot spot).
4. The pilot will have his or her airplane approach from the down wind end of the landing tape. No crosswind landings.
5. Points will be awarded according to how close the center of the nose or spinner is to the left or right of the landing tape (Measured perpendicularly to the tape. No points will be awarded if the plane lands past either end of the landing tape).
6. Each pilot will have four attempts to make three official landings. His or her score will be the total of the three best landings.
7. Each pilot will call "landing" prior to his or her airplane approaching the down wind end of the landing tape, and will stop the motor utilizing the throttle stick on his or her transmitter prior to or immediately upon touch down of the airplane. No taxiing around after landing. (Question: Can the pilot steer during roll-out after the motor is stopped?)
8. Scoring will be as follows. 100 points if the center the nose or spinner is on or within 1" to the left or right of the runway tape, 5 point will be deducted for every additional 5" to the left or right of the tape. No points will be awarded if the airplane flips over or loses any parts. (Suggestions: Don't convert inches to points. Simply measure the distance in inches for each landing. The lowest total inches wins. For a flip or lost parts, add 100". Also, make all measurements to the nearest inch.)

Questions: How long is the tape? Are you going to have each competitor measure for the pilot preceding or following him? Will you have a pilot fly all four landings in sequence, or all pilots fly the first landing, then the second etc? (Fly all four is easier).

#### Pilots Score Sheet

Name \_\_\_\_\_

LANDING 1	LANDING 2	LANDING 3	LANDING 4	TOTAL OF 3 BEST LANDINGS


#### Balloon Bust:

Fill party balloons with Helium and attach 20 to 30 foot strings. Anchor the strings with a rock. Distribute the balloons along the runway, or place further away so this event could run concurrently with events using the runway. Score by having fixed time to attempt busting as many balloons as possible, or score time to bust a set number of balloons.





**HSS Electric Fun Fly Suggestions (Continued)**

Fun fly ideas from the Feather River RC Modelers

**Taxiing Contest:**

This is a timed event. Airplanes will start at a start/finish line, taxi to a turn-around line, and taxi back to the start/finish line. Fastest time wins. Two wheels must remain on the ground at all times. In the case someone enters a tail dragger, the rear wheel can come off the ground.

**Hints:**

Make sure your steerable wheel is aligned and that your airplane will track straight on the ground. Apply full down trim to the elevator to keep your airplane from taking off. As soon as possible apply full throttle while keeping the model moving straight. Somewhere between 40 and 50-feet from the turn around, decrease the engine's power to an idle to avoid tipping the aircraft while turning around.

Keeping the model moving in a straight line with full power can be tricky. It would be a good idea to practice before the contest. You might have to apply a little down elevator to keep the model from taking off when it picks up speed.

**Timed Take Off and Landing:**

This is a timed event. The planes take off from beyond a start/finish line. The stopwatch starts as soon as the model is airborne. The aircraft circles the field, comes in and lands beyond the start/finish line. The stopwatch stops as soon as all three wheels are back on the ground.

**Hints:**

Try not to gain too much altitude after taking off.

After crossing the finish line a spotter will call out turn. Make a sharp turn, cut power, and come in on a short approach. Make sure you carry enough speed for the model to land beyond the finish line or that run will be disqualified.

**Spot Landing:**

Three concentric circles are drawn on the field. Landing inside the small circle will count for five points, the middle circle four points and the large three points. Two attempts are permitted, scores are added and the highest score wins.

**Hints:**

This event is not timed. I suggest you make a long approach to the field, this will allow you to line up with the circles better. On approach, a combination of engine speed and up elevator trim will allow you to make a shallow, controlled approach at a low speed. As you near the circles decrease engine speed and drop down onto the field.

**Hands-Off Event:**

This is a timed event. Take off and climb to 200 to 300-feet. Put in some left or right rudder or aileron trim, just enough to make the airplane fly a wide, slow turn. Add enough up-elevator trim and engine speed to keep the airplane from losing altitude in its slow turn.

When you are happy with the trim, put the transmitter down and tell the timer to start. Before the model hits the ground or flies out of sight pick up the transmitter and the stop watch records the total hands-off time.

**Hints:**

You will have to adjust for any wind by starting upwind. How much engine speed you let the airplane fly with will depend on the design of your airplane. Too much speed and it will gain too much altitude. Not enough speed and you will have a short run. Make sure you have a full fuel tank.

From the Feather River RC Modelers Newsletter  
Art Devol, editor - Oroville CA



**HSS Electric Fun Fly Suggestions (Continued)****Pylon Racing:**

This is popular, but the problem is getting enough evenly matched planes. Maybe a different model could be used (Radians or T-28s?)

**STOCK CLASS SLOW STICK**

1. Model must be built from standard GWS Slow Stick kit. No trimming, modifying, or reshaping of any parts. Edges of flying surfaces may be sanded smooth. Contestant may decorate his or her model with paint or stick on trim sheet.
2. The wing may be straightened (do you mean strengthened?) with no more than two (delete second "two") strips of reinforced packing tape on the bottom surface of the wing.
3. The plane must be powered by a stock GWS EPS-300C or EPS-350 C POWER SYSTEM with a D/ 6.60:1 gear ratio, using an unmodified GWS propeller of the appropriate size. The propeller may be balanced.
4. Only Nickel Cadmium or Nickel Metal Hydride battery packs may be used consisting of no more than 8 cells, and weighing no more than 4.5 oz.
5. Any brushed speed controller may be used, and the speed controller may be soldered directly to the motor. The motor may be broken in but in no other way modified.
6. Choice of radio equipment i.e. transmitter, receiver, and servos is up to the pilot, but it must be on an aircraft frequency.
7. No ballast may be added to the model.

**OPEN CLASS SLOW STICK**

1. All of the basic rules apply i.e. the model must be built from a standard GWS Slow Stick kit, except:
2. The contestant may add extra straightening (strengthening?) to the wing and or stabilizer.
3. The model may be powered by any brushed or brushless power system.
4. Any size or type of battery pack may be used.

**PYLON COURSE**

1. The course will consist of two pylons 125 feet apart (and xx feet high). The start and finish line will be located on the runway, half way between the pylons. Spotters will be used to ensure each plane rounds each pylon. Penalty for missing a pylon is (repeat lap?).

**RULES**

1. All starts will be R. O. G. rise off ground, launched at the sound of a horn.
2. There will be a maximum of 4 pilots per heat, and each heat will consist of 4 laps.
3. AMA 1/2A Pylon flying rules will be followed. (These need to be posted.)
4. All models will have two 40 inch colored streamers attached to the wing. Streamers will be supplied by the Contest Director.

If required, winners of each heat will fly a semifinal or final heat after allowing battery replacement or charging.

Note: Ted says he left a bucket in the shed with some materials in it to help set up the poles, etc., but he hasn't seen it since The Great Clean-up of the Container.

Tell your club officers if you are interested, and which events you prefer. Add your favorite if not shown.



**Seen Around the Field**

Rob Askegaard has taken some wonderful photos of another great January day at the field. Thanks, Rob.



Here is a nice turn-out of all kinds of planes and pilots.



Mike Kelly's F-86 Sabre.



Mike Kelly holding his J-3 Cub from Hangar 9. It has an 89 inch wing span and a Turnigy G-46 motor.



Good to see Ted Broberg out at the field, visiting with Kevin Koch



Kevin prepares to launch his motor glider.





**Seen Around the Field (Continued)**

Mike Fox with his 3 meter glider.



Mike Kelly's Cessna 182.



Jim Sonnenmeier launches his glider.



Mike Kelly departs with his plane transport AKA aircraft carrier.

**A Little Political Humor**

A ticket agent in Washington DC reports the following:

I just got off the phone with a freshman Congressman, Bobby Bright from Alabama who asked, "How do I know which plane to get on?" The agent asked him what exactly he meant, to which he replied, "I was told my flight number is 823, but none of these planes have numbers on them."

**Editor's Suggestions**

As everyone is most likely aware, Hobby People is closing its doors on all of its facilities. They have always contributed generously to the raffles held at each General Meeting, but we will no longer have their contributions. Therefore, it is suggested that members bring items of value to our future meetings. These can be new or used, and it would be helpful if you contacted Henry Smith III concerning your donations.

Our Steering Committee is planning a cleanup day at Fairview Park. We conduct this community service regularly, and we cover the entire park. The date for the next cleanup will be posted shortly. In the meantime, it is suggested that members do their part to clean up their personal trash each day you visit the field. Thank you.





### The Other Guys Flying at Fairview Park

Jesse Calleros has been flying with the free flight group, and has this report and photo. Thanks, Jesse. - Ed.

We get together on Sunday mornings at Fairview Park on the parking lot facing the mounds north of the bathrooms.

Richard Hilliard is holding a 35 inch wingspan KIWI, he is converting it to electric power free flight. John Van Der Nuet is holding a Yard Stick 26 inch wing span designed by Clint Brooks, I am holding a peanut scale Zero by Sterling Models Inc. Next is Eric Johnson Dick Baxter's son in law. Dick Baxter is holding a WWI biplane and Chuck Harrington is holding a home made plane he designed himself. On the stooge is a plane owned by Richard Hilliard.



### Historical Significance

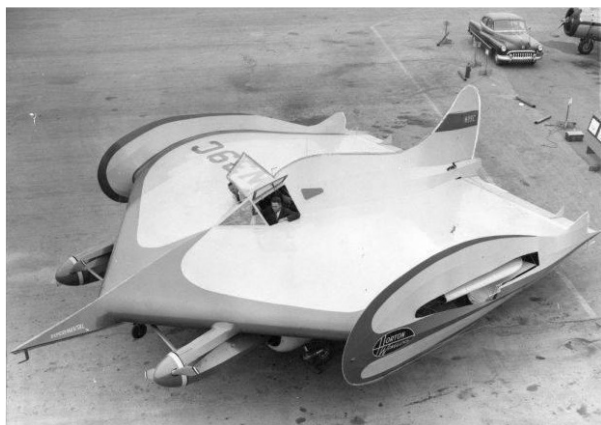
Thanks to Jim Sonnenmeier who has provided the following article and photos that should be of interest to members.

Horton "wingless" aircraft, 1954. A controversial project killed off by Howard Hughes. Model "HW-X-26-52" is pictured at Orange County Airport.

"Horton had designed the airplane in the early 1950s but didn't have the money to develop it. He then was able to get into a partnership with Howard Hughes and Harlow Curtis, since Hughes obviously had the money for producing the plane.

The venture failed not because the airplane didn't fly, but because Hughes wanted to take full credit for the patents and production rights, which Horton refused to do. To prove that money talks, Hughes slapped a lawsuit on Horton that effectively stopped any further development of the aircraft until this day.

Hughes managed to get the prototype and a partially constructed production version destroyed. One aspect of the lawsuit was a statement the aircraft couldn't fly. At one point in time Horton was put in jail because he was selling stock in a company for an airplane that "couldn't fly" and had several violent confrontations with people associated with Hughes and Curtis because of the lawsuit and resulting injunctions.



**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 Whatsitt 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





**HSS Membership – Renew Before End of March 2017**

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 17 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 2016**

Soaring Clubs of Southern California (SC2) has not posted the 2017 competition schedule at [sc2soaring.com](http://sc2soaring.com).

**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](http://sc2soaring.com)) 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. 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.  
1984: Jan through Sept and Nov missing.  
1985: June missing.  
1986: May missing.  
1987: Feb missing.

1994: Nov missing.  
1995: Aug missing.  
1996: Feb, June missing  
1999: Dec missing.

Plane Rap issues from 1984 to present are maintained by our Secretary Bruce Gale. That 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 for access to any issues, contact Bruce Gale as shown on the last page of this newsletter.



**February 7, 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.

Insert map to meeting location for 2016.

**A Little More Humor**



**2017 City Flying Permits Available December 1, 2016**

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 that 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. Details should include a description, a small photo is acceptable, asking price, and contact address/phone. Ads should be sent to HSS Editor Fred Hesse at [fhesse@socal.rr.com](mailto:fhesse@socal.rr.com). Items will be displayed in three issues unless a request for extension is made.

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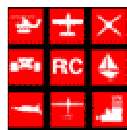
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S.W. Corner of Goldenwest & Bolsa Ave  
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All HSS Club members with proof of club membership, will get a 10% discount on most parts and accessories. Discount does not apply to plane kits, helicopter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

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1-800-Hobby4U**







## 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			
Alternate Safety Officer	Vincent San Filippo Jr.	714-791-5588	<a href="mailto:vincesfjr@gmail.com">vincesfjr@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>
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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 FEBRUARY 7, 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 16.**

**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**

