



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, 2015-2018.

November 2018

HSS IS NOW OVER 54 YEARS OLD!

Volume 55

Come to the November 6 General Meeting for election of HSS Officers for 2019. Details on page 7.

Plane Rap Index

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Coming Events and Soaring Competitions

November - December 2018

- Saturday – Sunday November 3 – 4 2018. AMA West convention at Pomona Fairgrounds. See page 15 for details.
- Tuesday November 6, 2018. HSS general meeting, 7 PM. Round Table Pizza, 11095 Warner Ave. See P.18 for details and location.
- Saturday Nov. 17, 2018. Dollar Tree Foam Challenge Design-Build-Fly competition. Fairview Park. See P. 11-12 for details.
- Tuesday December 4, 2018. HSS general meeting and/or Christmas Party, 7 PM. Round Table Pizza, 11095 Warner Ave. See P.18 for details and location.
- Tuesday January 1, 2019. HSS general meeting CANCELLED. To be held TBS.



October 2, 2018 General Meeting Minutes

The October 2, 2018 HSS General Meeting was held at Round Table Pizza restaurant in Costa Mesa. The meeting was opened at 7:05 PM by President Joel Jones. Officers in attendance were Joel Jones, President; Mike Fox, Vice President; and Fred Hesse Editor and acting secretary.

- The meeting began with the Pledge of Allegiance.
- Joel gave an extensive discussion concerning the FAA and it's repeal of Section 336 of a law that was passed several years ago. Section 336 enabled model aviation to be under control of the AMA. Among features of whatever the new law will be, it is likely that FAA will require some kind of written and/or proficiency test. This may be administered by the AMA and possibly be done through local clubs. This is all being driven by commercial interests in drones. Model aviation is about one billion dollars per year business. Commercial drones are expected to reach twenty times more. All aircraft, fixed wing models and drones, will be licensed, and required to carry transponders. These are electronic devices carried in full size aircraft that transmit its identification number, altitude, location, and heading. Presently these devices cost about \$1,200, but Joel says they will come down in price to maybe \$20, and 5 to 10 grams. Joel anticipates the new law may take effect 1 Jan 2019.
- We were visited by guest Dirk De Does. He is a docent at Lyon Air Museum. Dirk enjoys flying control line stunt models. He described a a thrilling activity offered by the Lyon Museum. For \$800 - \$1,000 they will fly you in a high performance plane (jet?) and take you through a mock air battle. Contact Lyon Air Museum for further details.
- Concerning the Pumpkin Festival that is scheduled for Saturday – Sunday October 20 – 21, John says he will not do all the work. He volunteered some designs and construction notes for the scarecrow entry. John asked for help in cutting out Pumpkin Planes that are given away to visitors at the Festival. Mike Costello and Charlie Siegfried both volunteered to cut out the paper gliders. More volunteers are needed to assemble the HSS scarecrow.
- A discussion was held concerning the coming Dollar Tree Foam Challenge. John Anderson said he intends to enter his old Casper the Ghost entry from last year. Larry Koch asked about how to build the Dollar Tree Challenge plane. The rules are pretty much explained in the event flyer. Joel explained that the most difficult problem is to meet the 300 gm maximum weight. This will require small batteries and 5 gm micro servos. The foam sheets are sensitive to warping due to moisture.
- John Anderson brought up the observation that someone (a non-HSS member) has appointed himself as director of Fairview Park. Flyers should deal with this person with patience.
- An attempt was made to encourage volunteers for 2019 officer positions. At present, Joel Jones cannot continue on as president, and it is not clear if he will continue in the Social Media Manager position. Henry Smith III will not be available as Treasurer and Membership Manager. The Secretary position is vacant. In conclusion, the officer ballot is as follows:

President	Open	
Vice President	Mike Fox	Not confirmed
Treasurer, Membership	Henry Smith III	Possibly Treasurer, not Membership
Secretary	Fred Hesse	
General Director	Position was temporarily deleted.	
Contest Coordinator	Bruce Schaefer	Not confirmed
Safety Coordinator	Jim Sonnenmeier	Not confirmed
Alternate Safety Officer	Open	
Grounds Keeper	Travis Black	
Editor/Publisher	Fred Hesse	



October 2, 2018 General Meeting Minutes (Continued)

Ballot for 6 November HSS meeting continued:

Club Photographer	Rob Askegaard	
Social Media Manager	Joel Jones	Not confirmed
Lead Flight Instructor	Henry Smith III	
Certified UAV/Drone Instructor	Joel Jones	Not confirmed.

October 2 2018 General Meeting Attendance

Ross Thomas	Ted Broberg	Mike Fox	Rob Askegaard
Chuck Herrington	Ralph Siegfroid	Charles Siegfroid	Jesse Calleros
Jeff Greene	John Rittenhouse	Larry Koch	Kevin Koch
John Anderson	Dirk DeDoes (Guest)	Ryan McMinimy	Sid Hood
Mike Costello	Mike Gaczowski	Fred Hesse	

Scarecrow Festival

The City of Costa Mesa held it's annual Scarecrow/ Pumpkin Festival on Saturday and Sunday October 20-21 at Goat Hill Junction, sight of the Orange County Model Engineers railroad facility. Henry Smith has provided the following report and photo of HSS participation.

This years festival went off fairly well. John Anderson and Sid Hood built a scarecrow patterned after the old Rock N Roll song One Eyed One Horned Flying Purple People Eater. Sid made a loop recording that played the song for some added attraction. The scarecrows were not judged this year so we can just say we would have won if there were judges. John and Sid did a great job. The Costa Mesa Recreation Department had a big presence on both days. These people do notice HSS participation so it was good we were there.

Ralph Siegfroid, Sid Hood, Henry 4, Henry 3 and new flying students Jack and Jordan all helped out with giving away pumpkin gliders and tell the public about HSS. Weather was very good. We also had a view of the Huntington Beach airshow.

Henry Smith



The link below goes into detail about the law that would revoke Section 336 for Hobby Pilots. We should express our opinions about this to our Senators and Representatives. Henry A. Smith III

<https://youtu.be/CLfydU4gNF4>



FAA Reauthorization Act**How the New Bill Could Affect Our Hobby**

The FAA Reauthorization Act of 2018 was passed by the House last week, passed by the Senate today, and expected to be signed by the President soon. Once this legislation is enacted into law, there will be a transition period which means we will still operate under elements of Section 336 for the coming weeks, months, or possibly years. Please continue to follow AMA for updates as the regulations affect our hobby.

While some of the changes are positive, and include provisions that AMA has championed, other changes AMA does not support. We will continue to advocate for a resolution that does not harm our hobby. Thank you to the AMA members who wrote Congress, which opened doors for AMA to petition for changes.

The FAA Reauthorization Act of 2018 includes the following positive provisions and improvements:

- The five-mile airport notification rings are removed, which was a burdensome and often misinterpreted mandate.
- Congress more clearly defines community-based organizations (CBOs) and tasks the FAA to recognize CBOs.
- CBOs, like AMA, are given a more prominent role in shaping future regulations.
- Congress codifies elements of AMA's safety programming into law, including the use of first person view.
- There are no prescriptive Remote ID equipage mandates, which allows AMA to work with the FAA and others in Washington on a reasonable approach and threshold for this potential requirement.
- Congress allocated \$1 million every year to help support education campaigns such as Know Before You Fly, which AMA co-founded.
- Congress recognizes the distinction between members of a CBO, like AMA, and those "outside the membership, guidelines, and programming" of a CBO. Congress tasks the FAA to consider different operating parameters for this non-CBO community.

At the same time, the legislation includes several problematic provisions. These issues must be addressed through legislation or regulatory changes:

- The bill does not stop irresponsible drone operators – it only harms our safe and long-standing model aviation community, which has posed no new risk.
- The bill removes the model aircraft definition and instead adopts a one-size-fits-all approach to regulation that lumps all hobbyists, toys, and the recreational community into one category – everything is simply unmanned aircraft systems (UAS).
- With no justification, AMA members can no longer fly over 400 feet in class G (rural airspace).
- This will harm or kill our sailplane, turbine, aerobatic, and large model aircraft communities, which accounts for over 30% of our operations.
- The 400-foot altitude cap also excludes AMA and the USA from participating or hosting many world aeromodeling events sanctioned by the FAI through the AMA and NAA.
- This bill curtails events and harms charities, stifling youth involvement in STEM education. All of AMA's language to protect middle school and high school STEM aeromodeling use need reinserted.
- The legislation includes testing mandates, which raises many concerns. Federal and state regulations could hinder youth from participating in the testing requirement therefore denying them enjoyment of our hobby.

The bill opens the door to restrict our operations to flying sites.



Seen Around the Field

On Saturday September 22, our favorite club photographer, Rob Askegaard took the following photos of mainly our glider pilots. Beautiful day, and a great group of glider enthusiasts. Thanks, Rob. - Ed.



Left to right (back row): Erv Szego, Todd Mc Andrew, Bruce Schaefer, Ross Thomas, Bob Schliff, Curt Nehring. (front row): Rick Cassera, Tom Vincent with hand launch "Snipe"



Here is Bruce Schaefer launching his Supra, and flying.



Seen Around the Field (Continued)



Erv Szego and Bruce checking out Erv's Xplorer.



Erv does his launch.



Above right Bob Shliff walks in with his Gnome. Shown landing.



2019 HSS Election of Officers**HSS 2019 BALLOT**

Here is the ballot for HSS officers. Members attending the November 6th 2018 general meeting may vote at that time. Otherwise, the ballot shown below is to be used as an absentee ballot. This should be removed or printed from the E-mail or newsletter and must be received at the club post office box no later than November 3, 2018. Ballots should be sent to Harbor Soaring Society, P.O. Box 1673, Costa Mesa, CA 92626 or given to one of the Club Officers at the flying field. Please come to the November 6th meeting or fill this out as an absentee ballot just to show that you do care about the club.

Vote for one each.

President	John Rittenhouse	<input type="checkbox"/>
President Write-in	_____	<input type="checkbox"/>
Vice President	Henry Smith III	<input type="checkbox"/>
Vice President Write-in	_____	<input type="checkbox"/>
Secretary	Fred Hesse	<input type="checkbox"/>
Secretary Write-in	_____	<input type="checkbox"/>
Treasurer and Membership	Jim Hanson	<input type="checkbox"/>
Treasurer Write-in	_____	<input type="checkbox"/>
Contest Coordinator	Bruce Schaefer	<input type="checkbox"/>
Contest Coordinator Write-in	_____	<input type="checkbox"/>
Safety Coordinator	Jim Sonnenmeier	<input type="checkbox"/>
Safety Coordinator Write-in	_____	<input type="checkbox"/>
Newsletter Editor	Fred Hesse	<input type="checkbox"/>
Newsletter Editor Write-in	_____	<input type="checkbox"/>

The following is for information only. No voting is required for these positions.

Publisher	Fred Hesse	Volunteer
Social Media Manager	Joel Jones	Volunteer
Flight Instructor	Henry Smith III	Volunteer
Grounds Keeper	Travis Black	Volunteer
Club Photographer	Rob Askegaard	Volunteer

AMA Member Number: _____



Huntington Beach Air Show

The Huntington Beach Airshow was on October 20-21 2018, over the ocean next to Pacific Coast Highway. It was spectacular with some big jet cargo and passenger planes, small prop driven stunt planes, and featured the USAF Thunderbirds. Our club photographer attended and took the following photos. Thanks, Rob.



Huntington Beach Air Show (Continued)



YAK-110. two reciprocating engines, one jet.



Coast Guard C-23?



Fedex Boeing 757.



Huntington Beach Air Show (Continued)



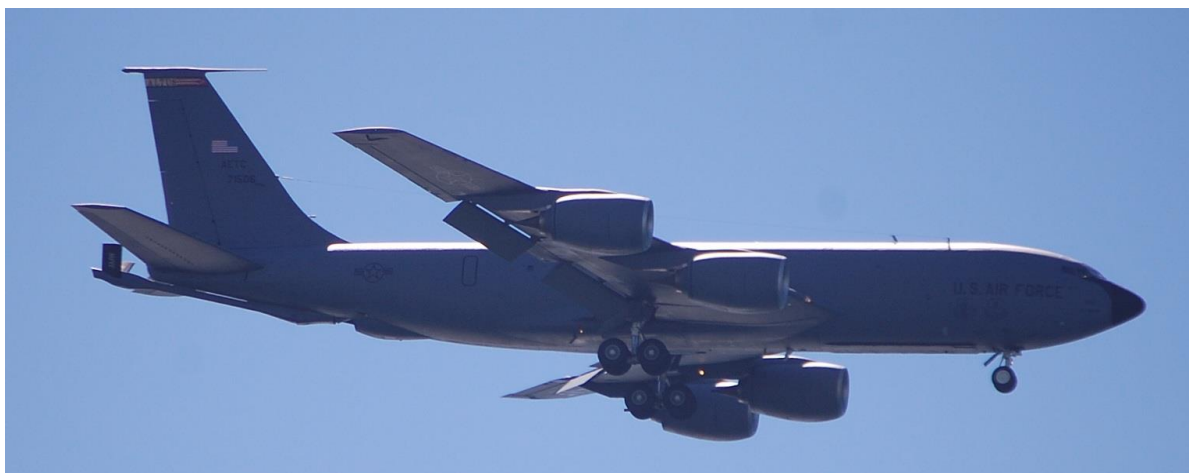
C-47 with invasion stripes.



Fireboat almost obliterated in its own display.



C-17 and KC-135 demonstrating a refueling operation.



KC-135 with refueling boom retracted.



Dollar Tree Foam Challenge Rescheduled

The Dollar Tree Challenge scheduled for October 13 was rained out. This year's event will now be held at Fairview Model Airport on **Saturday November 17, 2018. Rain Date will be Saturday December 1.** Design rules, construction guidelines, and flight demonstration requirements are shown below. Have fun!.

Potential Participants:

Most of electric flying HSS members and non-member guests. Entrants must have AMA membership and City of Costa Mesa flying permit.

Previous Event:

First event was held 31 October, 2017, at Fairview Park. It was flown in two sessions, 8 to 11 AM, and 2 to 6 PM.

Results:

Awards and photos are shown in December 2017 Plane Rap newsletter.

First Place:	Kevin Koch	\$50 Gift Certificate
Second Place:	Bill Sharkey	\$30 Gift Certificate
Third Place:	Larry Koch	\$20 Gift Certificate

Rules:

Initial rules are shown on attached flyer. These were modified to allow use of two sheets of foam for 2017 only.

In an initial burst of enthusiasm, rules were suggested at the May 1st 2018 General Meeting. A draft version is shown below. These rules supersede any conflicting rules shown in flyer.

1. Event shall be held on Saturday October 13, 2018.
2. Two sessions will be held. 7:30 to 9:30 AM, and 4 PM to sunset.
3. Battery is limited to 3 cells in series. Capacity is unlimited.
4. Pilot will fly two complete circles of the flying field. (Boundaries to be posted?).
5. Flying ability (stability) to be assessed by judges.
6. Spot landing shall be attempted, and measured. Point of landing to be determined.
7. Score is total of two best flights. Number of attempts to be determined.
8. Maximum weight is 300 Gms (10.6 oz).
9. Construction is limited to one sheet of foam, as specified in flyer.
10. Plywood firewall is allowed. Spars and other structural parts may be of any material.
11. One stunt to be performed such as loop or roll, to be called out by pilot while flying.
12. Design to be shown at Fairview Park flying field prior to the event.
13. A points scale will be prepared for judging the following characteristics. Note that Joni Whitsitt might be able to provide the points grading that she used in 2017.
 - Design originality.
 - Craftsmanship.
 - Stability of flight while circling field.
 - Stunt quality.
 - Spot landing (Quality and measurement to landing spot).



Dollar Tree Foam Challenge (Continued)

2018 DOLLAR TREE FOAM CHALLENGE

Date: **Saturday November 17, 2018**, at Fairview Model Airport.

Rain Date: **Saturday December 1.**

Time: 8:00 AM to 11:00 AM (1st session)

4:00 PM to 6:00 PM (2nd session)

The main thrust of the Challenge is to use one "Dollar Tree Foam Sheet" for the structure of the airplane. It's your choice to use any design, any weight under 300 grams (10.6 Oz) and any electric source of power. Radio control is implied by the flight tasks.

If you think the Challenge is too difficult you should Google "Nutballrc". The plane is built from one sheet of "Dollar Tree" foam and a hot glue gun or epoxy. Additional structural support is of your choice.

We are doing the Challenge in two sessions to give the membership plenty of time to attend. No Landing Fee. AMA membership and City of Costa Mesa flying permit required.

Challenge Awards:

1st Place \$50.00 Gift Certificate – From Rob's R/C Hobbies

2nd Place \$30.00 Gift Certificate – From Rob's R/C Hobbies

3rd Place \$20.00 Gift Certificate – From Rob's R/C Hobbies

Judging:

1. Design and Appearance
2. Craftsmanship
3. Fly ability (stable fly by) during 720 degree (2 overlapping circles)
4. Perform aerobatic stunt (loop or role called out by pilot).
5. Controlled spot landing, measured to target.

Foam Board Specifications

Foam Board Specifications: Each Board is 3/16" polystyrene foam core, laminated on either side with heavy Kraft paper. Material: Polystyrene Color: White Width: 20 inch Length: 30 inch Readi-Board Foam Board. You can also purchase the foam board at any Dollar Tree Store for \$1.00



SC-2 Competition Results

The eighth SC-2 soaring competition for 2018 was held on 21 October 2018, hosted by Silent Wings Soaring Society (SWSA).

Your editor's word processor is going nuts, so this is what we get.

SC2 Contest # 8						Hosted By SWSA						Normalized Sort				Contest Entries			
Fish Canyon Field - Azusa October 21, 2018						Contest Director: Jim Smith Scorekeeper(s): Les Ward, Tom Trivitt										19			
Place	Number Of Pilot Scores Entered --+					S1		S2		S3		S4							
1						49	98	49	97.4	49	99.4	49	98.4						
2	145	Reagan, Mike	TOSS	E	W	4.58	40	963.7	9.00	100	1000.0	9.00	0	950.0	8.56	60	973.0	3886.6	987.8
3	114	Hallford, Phillip	SWSA	E	W	5.01	60	976.8	9.00	60	980.0	9.03	0	944.7	9.01	20	958.2	3859.8	981.0
4	5	Thonet, Andy	SWSA	E	W	5.00	40	970.0	8.58	80	986.5	9.00	0	950.0	9.00	0	950.0	3856.5	980.1
5	202	Tau, Manny	SC2	I	E	4.53	80	967.8	8.07	60	886.8	8.57	60	974.7	9.00	80	990.0	3819.3	970.7
6	109	Hyde, Chip		E	W	4.59	40	966.8	8.55	0	941.2	8.57	0	944.7	8.56	40	963.0	3815.7	969.8
7	138	Day, Warren		E	W	4.56	10	942.3	9.01	0	948.2	8.58	20	956.5	8.58	0	946.5	3793.5	964.1
8	230	Creager, Ronald	TOSS	I	W	5.02	0	943.7	9.07	10	942.7	9.07	20	947.7	9.04	0	943.0	3777.0	959.9
9	229	Campbell, Frank	SWSA	I	E	5.03	0	940.5	8.57	0	944.7	8.47	0	927.1	8.59	0	948.2	3760.6	955.8
10	1	Lee, Mike	ISS	E	W	4.53	0	927.8	8.46	60	955.4	8.50	0	932.4	8.48	0	928.9	3744.5	951.7
11	317	Mietzner, Robert		S	W	4.48	0	912.0	9.02	0	946.5	8.35	0	906.0	8.56	20	953.0	3717.5	944.8
12	125	Vera, Edgar	SWSA	E	W	5.01	0	946.8	9.01	20	958.2	6.57	20	743.6	8.59	60	978.2	3626.9	921.8
13	4	Trivitt, Tom	ISS	E	W	4.56	0	937.3	8.54	20	949.4	7.17	0	768.8	8.15	0	870.8	3526.4	896.2
14	306	Smith, Paul	ISS	S	W	4.56	10	942.3	6.30	0	686.1	8.18	0	876.1	8.42	0	918.3	3422.9	869.9
15	203	Stanton, Steve	ISS	I	W	5.09	10	926.5	8.57	0	944.7	5.35	0	589.4	9.05	0	941.2	3401.8	864.6
16	411	Aber-Song, Ed	EDSF	Woody	E	4.51	0	921.5	3.37	0	381.8	8.37	0	909.5	8.15	0	870.8	3083.6	783.7
17	146	Deckman, Mike	SWSA	E	W	5.01	10	951.8	5.27	40	595.3	3.00	60	346.7	9.01	0	948.2	2842.0	722.3
18	307	Summers, Sean	ISS	S	W	4.59	0	946.8	0.00	0	0.0	9.27	0	902.5	8.48	0	928.9	2778.2	706.1
19	316	Fisher, Cole	ISS	S	W	3.16	0	620.7	1.53	0	198.8	1.02	0	109.1	0.00	0	0.0	928.5	236.0

Fairview Park Weather Station

HSS members can 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.

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.

SC-2 Competition Schedule

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>

May	20	Victor Valley RC Flyers	www.vvrcf.org	August	19	TOSS
June	17	HSS, Costa Mesa		September	16	TPG
July	15	ISS (Soccer field)	www.gllideiss.us	October	21 -	SWSA



2018 Consolidated Schedule of RC Events**2018 Consolidated Schedule of RC Events**

Saturday, August 4th Menifee Valley Flyers “Hot August Nights Club Appreciation”
 Saturday, August 4th Corona Radio Control Club Youth Day Celebration
 August 11/12th Hemet Model Masters “Warbirds at Hemet”
 Saturday, August 11th Gilman Springs RC Flyers Mid-Summer Night Fly (cancelled)
 Sunday, August 12th Palomar RC Flyers Trifecta Combat Event
 Saturday, August 18th Circle City Flyers Scale Fly-In
 Sunday, August 19th SC² Soaring Competition hosted by Thousand Oaks SS
 Wednesday, August 22nd Chula Vista Model RC Club Float Fly at Otay Lake
 Saturday, September 8th Hemet Model Masters Autumn Swap Meet
 Saturday, September 8th Menifee Valley Flyers Annual Poker Fly
 Saturday, September 8th Gilman Springs RCF End-of-Summer Night Fly (cancelled)
 Saturday, September 15th Gilman Springs RCF Warbirds Event (cancelled)
 Sunday, September 16th SC² Soaring Competition hosted by Torrey Pines Gulls
 Sunday, October 6th Palomar RC Flyers Annual Fall Aerotow
 October 6/7th Hemet Model Masters “IMAC Regionals”
 Saturday, October 13th Corona Radio Control Club Cub Day “Nothing but Cubs”
 Saturday, October 13th Gilman Springs RC Flyers Fall Swap Meet (cancelled)
 Sunday, October 14th Palomar RC Flyers Trifecta Combat Event
 Saturday, October 20th Chula Vista Model RC Club Float Fly at Otay Lake
 Sunday, October 21st SC² Soaring Competition hosted by Silent Wings SA
 Friday October 26th – 28th Palomar RC Flyers Camping Weekend and Night Fly
 Saturday, October 27th Corona Radio Control Club Float Fly at Lake Perris
 November 2/3/4th AMA EXPO WEST at the FAIRPLEX Pomona
 Saturday, November 10th Coachella Valley RC Club TOP FUN Event
 Saturday, December 1st Corona Radio Control Club Christmas Party & Toys for Tots
 Saturday, December 1st Coachella Valley RC Club Scale Masters Qualifier
 Saturday, December 8th Menifee Valley Flyers “Spark of Love Fun Fly & Toy Drive”
 Saturday, December 8th Coachella Valley RC Club Aero Tow Event
 Sunday, December 9th Palomar RC Flyers Trifecta Combat Event
 Saturday, December 15th Hemet Model Masters “Holiday Event/Toy Drive”

August 1, 2018



Annual AMA Convention – New Time, New Location



AMA Expo West

Attend the Largest Indoor and Outdoor RC Model Event!

The Fairplex in Pomona, CA, is the new home for AMA Expo West this November 2-4, featuring more than 100 model aviation exhibitors with outdoor flying day and night. Bring your favorite airplane or helicopter and fly each day and night. See and shop the latest in model aviation products from more than 100 manufacturers. Watch drone racers compete for the AMA Expo West Cup. See product flying demos and special flying events. Advance tickets on sale now!

ADVANCE TICKET PRICES

One Day Member_____	\$13.00
Two Day Member_____	\$22.00
Three Day Member_____	\$39.00
Life Member Three Day_____	\$15.00
Non Member One Day_____	\$15.00
Non Member Two Day_____	\$24.00
Non Member Three Day_____	\$33.00
Youth_____	\$ 6.00
Group _____	\$11.00

Purchase advance tickets at www.amaexpowest.com

AT-THE-DOOR TICKET PRICES

One Day Member_____	\$15.00
Two Day Member_____	\$28.00
Three Day Member_____	\$38.00
Non Member One Day_____	\$17.00
Non Member Two Day_____	\$32.00
Non Member Three Day_____	\$41.00
Youth_____	\$ 6.00
Group_____	\$12.00

MEMBERS USE CODE "AMA1936" WHEN CHECKING OUT.

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.



We Got Rules

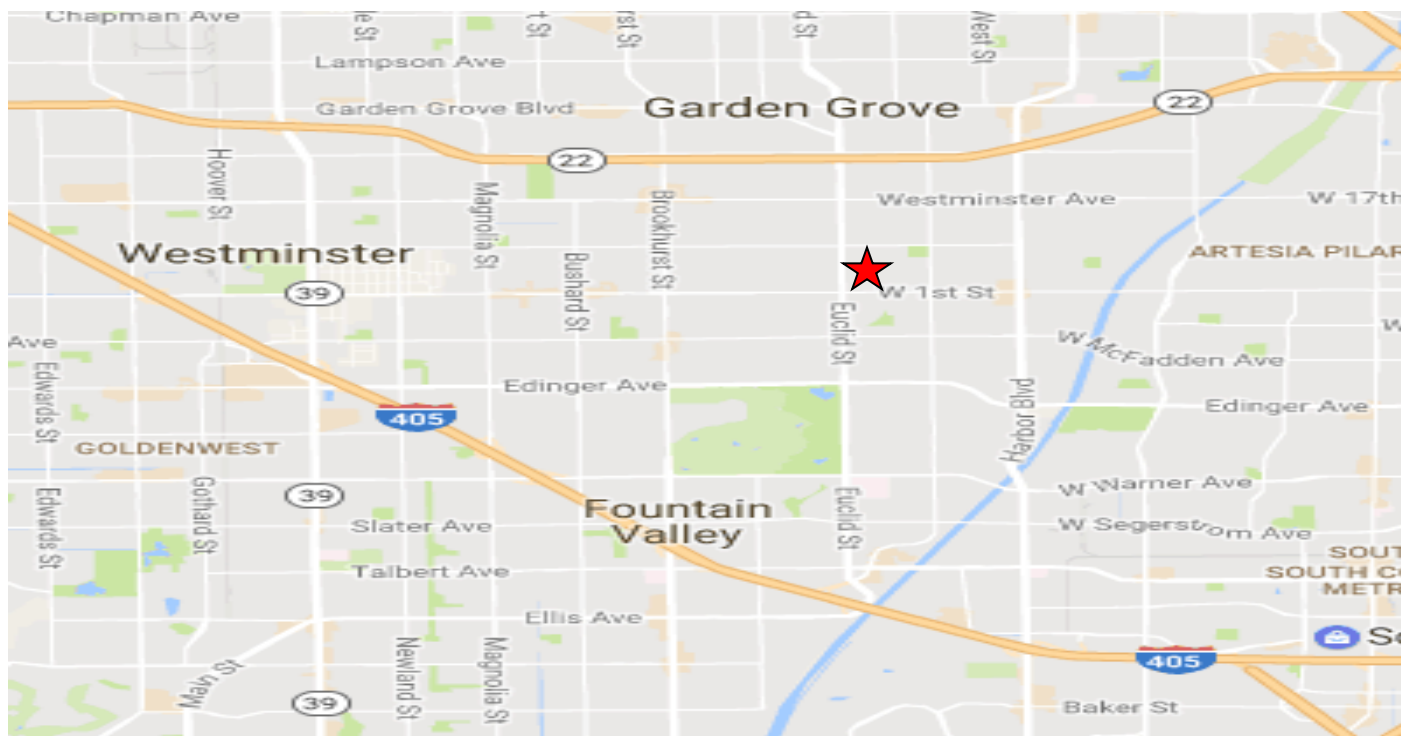
Our club photographer took a few interesting photos of signage at Fairview recently that attempts to establish rules for the park. This begins with two totem poles of signs, followed by individual blow-ups of each sign so the text is readable. The one about the snake is the most significant. Thanks, Rob.



We Got Rules (Continued)

November 6, 2018 Meeting Announcement

Our monthly general meeting is held on the first Tuesday of each month. This is a special meeting as we vote for our 2019 HSS officers. 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.



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. This is 34 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 our secretary as shown on the last page of this newsletter.

December and January General Meeting Schedule

The December 2018 General meeting and Christmas Party has not been scheduled. Watch for E-mail notification. Also the first Tuesday of January 2019 falls on New Year's day. This will be rescheduled.



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, plus \$5 Administration fee.. 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. Phone and E-mail information is shown on last page of this newsletter.



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.

- Curt Nehring has the following planes and equipment for sale. Maxa 3.5 (this particular plane won Visalia by Ben Clerx). It's white with orange highlights, has good servos throughout and is \$1200. A white and blue Shadow and a green Shadow with orange trim, both are \$750 each. A Pike at \$1500, and an Explorer 4m (red & white) \$1600. A few Wing bags available at \$75. These planes are flown, not hangar queens. They have fuselage scrapes from landing on our gravel runway and some with minor hangar rash that's been repaired as well as possible. Also, a JR 9303 Xmtr. \$200 and a Futaba 10CHP Xmtr \$150. ---- All prices FIRM!!! Questions call Curt @ 949-525-3038.
- Your newsletter editor has a long shaft Ford starter motor and relay suitable for winch or retriever use. Motor is free to any party. See contact info on last page of this newsletter.

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.

AirPixel Technologies/FrSky Distributor

I just wanted to reach out on behalf of FrSky, as we are working directly with the manufacturer to do some community outreach to aviation clubs that are close to us here in Southern California, as provided by the AMA Club list. If anyone who happens to be a part of your club or organization is looking to purchase any number of **FrSky radios, receivers, gimbals, or other FrSky products**, we would love to assist in fulfilling these needs. During this outreach, we will be **lowering our prices to assist local clubs** in obtaining the necessary gear to get members flying as soon as possible. If you or anyone in your club is looking for products of this variety to assist in your RC aspirations, please do not hesitate to contact us via email or at our office phone number, which I will attach below, where we can answer questions regarding sales and warranty questions, and assist with any and all FrSky product related technical difficulties that you or your club members might run into.

Thanks so much for keeping the hobby alive and I look forward to hearing from you! -Brock

Brock Nelson <Brock@airpixeltek.com> sales <sales@airpixeltek.com>

AirPixel Technologies: North American FrSky Distribution and Service Center
[9690 Telstar Ave.](#) [Suite 226](#) [El Monte, CA 91731](#) Phone: 626-656-3121

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

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

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

Robsrchobbies.com

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

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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	949.378.7393	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	Joel Jones	949.378.7393	simpleamps@me.com
Lead Flight Instructor	Henry Smith III	714-322-6537	henry.smith.3@earthlink.net
Certified UAV/Drone Instructor	Joel Jones	949.378.7393	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 NOVEMBER 6, 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 18.**

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

