



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, 2015-2017.

December 2017

HSS IS NOW OVER 53 YEARS OLD!

Volume 54

We will have our annual Christmas Party, Tuesday December 5 at Super A's Mexican Restaurant. See Page 4 for details. This is in place of the regular general meeting at Roundtable.

Plane Rap Index

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Coming Events and Soaring Competitions

November 2017 – February 2018

- Tuesday December 5, 2017. Annual Officer Installation and Christmas Party, held at Super A's Mexican Restaurant on Tue, Dec 5th. The address is 2949 Fairview Road, Costa Mesa 92626. Dinner, 6:00 PM, meeting, 7:00 PM. See page 4 for details.
- Tuesday January 2, 2018. Round Table Pizza, 11095 Warner Ave. General meeting, 7 PM. See P.16 for details and location.
- Tuesday February 6, 2018. Round Table Pizza, 11095 Warner Ave. General meeting, 7 PM. See P.16 for details and location.



November 7, 2017 General Meeting Minutes

The General Committee meeting of HSS was held at Round Table Pizza, Fountain Valley, CA. The meeting convened at 7:10 P.M. Joni Whitsitt President, presiding.

Board and Steering Committee Member in attendance were: Joni Whitsitt, Henry Smith III, Mike Gackowski, Fred Hesse and Bruce Gale.

The meeting began with the Pledge of Allegiance, followed by recognition of club veterans in honor of the upcoming Veteran's Day observance.

Announcements

Joni Whitsitt distributed new City of Costa Mesa permit requirements.

Joni also shared that Dick Baxter is moving to Austin, Texas to be with his children, and has offered to donate a collection of rubber-powered planes to the club.

Mike Gaczowski announced that HSS 2018 membership renewals are now open.

Scarecrow & Pumpkin Festival report: Henry Smith

Henry reported that he would have liked to see more volunteer assistance. Also, the club was not given a great location this year, however there was one inquiry from a school with interest in the club.

Dollar Tree Challenge

It was a cold, wet and windy day, but enthusiasm was high among those that attended and participated in the challenge. It was also clear that the donuts were greatly enjoyed, as there were none left over.

With 31 points, Kevin Koch earned \$50 for a first-place win. Kevin's plane was a canard design, which has a small wing placed forward of the main wing. Kevin located the engine at the back of his plane. All who were there reported that it flew great!

With 28 points for his Slo Fly design, Bill Sharkey won second-place, which earned him \$30.

Larry Koch's design earned him a third-place win with 21 points, and put \$20 in his pocket.

Hopefully, this event will be repeated next year, and that there will be even more contestants.

HSS Christmas Party: Mike Gaczowski

Mike reminded club members that this year's party will be held at Super "A" Mexican restaurant on Tuesday, Dec. 5th at 6 PM. A private room is reserved and your HSS club is picking up the sales tax and tip on dinner. There will be a cash bar. See announcement flyer on P. 4.

Bring your significant other, and come celebrate with fellow club members to enjoy good food and an opportunity to a raffle prize! 2018 Executive Board Members will also be installed during the evening.

This event is in lieu of a regular membership meeting in December.

Fairview Park Proposal for opening in the fence

A fence opening was approved by Cynthia D'Agosta, Wildlife and Fairview Park Administrator, Justin Martin, Director of Parks & Recreation, and Bart Meja, City Engineer, City of Costa Mesa. Wildlife officials set the maximum opening at 10 feet for the winch line.

The City of Costa Mesa agreed that the storage container will not have to be moved for now. The fence will go around the container.

Nominations for the Executive Board 2018

Voting ballots were distributed to HSS members present at the November meeting. When completing a ballot, a member's AMA ID numbers must be entered on the form, and ballots must be returned no later than Dec. 1, 2017 in order to count.



November 7, 2017 General Meeting Minutes (Continued)**Guest Speaker:**

Joni Whitsitt shared a story about a group of 20-something engineers, 9 men and 3 women, who work for Airborne Systems. They design, build, and test parachutes for the company. Joni said that it's really inspiring to see young people who are so excited about engineering.

Show 'n Tell

Larry Koch, Jesse Calleros, and John Anderson showed off their planes, and described the design-build-fly story of their respective aircraft.

At the end of this month's meeting, the club expressed their appreciation to Joni Whitsitt for her work and dedication to the club this year as President. **Thanks Joni!**

Opportunity Drawing: (No drawing this meeting)

Members in Attendance:

Bruce Gale	Mike Gaczowski	Mike Costello
Charles Siegfried	Mike Fox	Greg Stone
Fred Hesse	Ralph Siegfried	Joel Jones
Henry Smith III	Rob Askegaard	Gary Dura
Jesse Calleros	Ross Thomas	Angela Dura, guest
John Rittenhouse	Sid Hood	
Kevin Koch	Ted Broberg	
Larry Koch	Bill Sharkey	

The meeting was adjourned at 8:20 PM.

Respectfully, Bruce L. Gale, Secretary - Harbor Soaring Society



Kevin Koch, First Place.



Bill Sharkey, Second Place.



Jesse Calleros with Surfer.



Larry Koch, Third Place.



John Anderson with his "Ghost".



2017 HSS Christmas Party

Our normal December general meeting will be special, as shown below. We will conclude with 2018 officer installation.. Bring family, friends and significant others. Make advance reservations with Mike Gaczowski. Note that Tax and tip is being paid for by Harbor Soaring Society.

**HARBOR SOARING SOCIETY CHRISTMAS PARTY****TUESDAY, DECEMBER 5, 2017**

We have a new location for this year's Christmas Party. You have asked for a private room facility and we found one at Super A Mexican Restaurant, Costa Mesa. Located between Baker and Adams on Fairview Road. Come out for the evening and enjoy wonderful Mexican food. Raffle Prizes for Members and their Spouse or Lady guest.

STARTS AT 6:00 PM, WE EAT AT 6:30 PM

**LOCATION: SUPER "A" MEXICAN RESTAURANT
2949 FAIRVIEW ROAD, COSTA MESA, CA. 92626**

**MENU: Chips, Salsa, Guacamole, Beans and Rice,
4 Tacos, choice of 3 Meats (Chicken, Steak, Pork)
Soft Drink and Desert all for**

\$10.00 per Person**No Host Open Cash Bar Available in Private Room**

**Make your reservations with Mike Gaczowski, Treasurer
His e-mail is mgaczowski@cox.net**



Scarecrow/Pumpkin Festival

HSS participated in the annual Scarecrow/Pumpkin Festival held at the OC Model Engineers railroad facility on the North-East side of Placentia. This was a two day event, held 21-22 October. Henry Smith III has provided the following report. Thanks, Henry. - Ed.

I set up and tore down the HSS booth and provided manpower all the time it was open. Jessie and Mary Lou came out on Saturday and helped for several hours. John Anderson helped on Sunday for a few hours. That was it.

Our booth was not in the best location and we did not get a lot of traffic. I did talk to several people who are interested in HSS and I hope they stop by the field in the near future.

I don't have any photos, sorry.

Henry A. Smith III

New City of Costa Mesa Mayor

On Tuesday evening November 7, 2017, council members stunningly booted Katrina Foley from her appointed role as mayor in favor of council colleague Sandy Genis.

HSS 2018 Election

The election for 2018 HSS officers will not be complete for this newsletter. Casting of votes has been extended to December 1.

Dollar Tree Foam Challenge

The Dollar Tree Foam Challenge was held on 31 October 2017 at Fairview Park. This is a design, build, and fly fun type of event for members only. Fly off competition was from 8 to 11 AM on the 31st, at which time Joni supplied donuts. A second flying session was from 2 to 6 PM at which Joni supplied Subway sandwiches. Contrary to the rules published in early September, designs were allowed to use two pieces of 20" by 30" paper clad foam board from Dollar Tree.

Kevin Koch proposed this event, which had minimal performance requirements. Competitors were judged on design and appearance, a stable fly by, fly two overlapping circles, and a controlled landing. Rob Askegaard was out at the field on Friday October 10, and acquired the following photos of a design by Kevin, and two designs by Larry Koch. These turned out not to be the designs Kevin and Larry used to win and place in the competition.



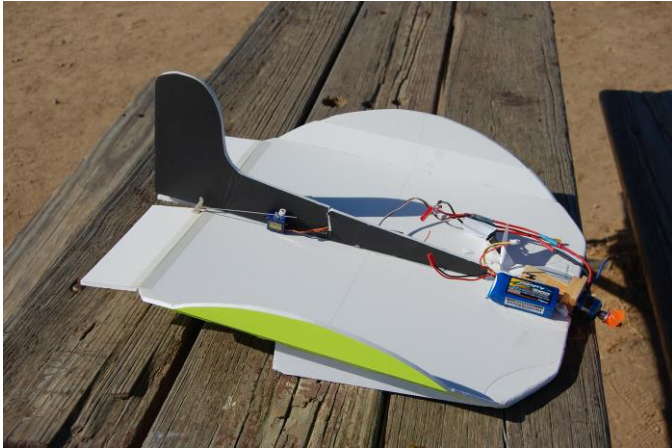
Kevin Koch's flying flapjack. It flew well.



Larry Koch's first model. No flying evaluation.



Dollar Tree Foam Challenge (Continued)



Larry Koch's second model. Was not used.



Randy Wilbur with a neat ducted fan. Power problems.



Bill Sharkey with his "Slow Fly 28".



Larry Koch holds his "Nut".



Kevin Koch holding his flying flapjack and his winning canard.



Dollar Tree Foam Challenge (Continued)

Larry Koch holding his un-named plane.



Another photo of Kevin Koch holding his winning canard and flying flapjack.



Two photos of the snacks and Halloween treats set up by Joni Whitsitt and Randy Wilbur. Many thanks for Joni's and Randy's efforts with arranging prizes, judging, and refreshments.



Seen Around the Field

Once again, Rob Askegaard provides wonderful photos of the action around Fairview Park. Thanks, Rob.



Robert DeLange with his “Energic” 2.5 meter hotliner from the Czech Republic.



Robert gets an energetic launch.



David Dang brought out his “Oracle biplane.



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. Part of the Southern California Soaring Clubs (SC2) competition schedule is included.

- Saturday, September 9th Hemet Model Masters Autumn Swap Meet
- Saturday, September 9th Victor Valley RC Flyers Warbirds Pylon Race
- Saturday, September 16th Victor Valley RC Flyers Tailhook Contest
- Saturday, September 16th Gilman Springs RC Flyers End-of-Summer Night Fly
- September, 22/23/24th Victor Valley RC Flyers IMAC Event
- Saturday, September 23rd Menifee Valley Flyers Annual Poker Fly
- Saturday, September 30th Palomar RC Flyers 3rd Annual Fall Sailplane Event
- October 6,7,& 8th Propnuts RC Club Warbird & Classic Scale Event (Las Vegas)
- Sunday, October 8th Chino Flyers Trainer 40 and Club 40 Pylon Races
- Saturday, October 14th Gilman Springs RC Flyers Fall Swap Meet
- October 21/22nd AMA District 7 Pattern Championship at the RRCC Field
- Saturday, October 28th Corona RC Club Halloween Float Fly at Lake Perris
- Saturday, November 4th Coachella Valley RC Club TOPFUN RC Air Show
- November 4/5th F3J Soaring Event at the SCAMPS Field (next to RRCC Field)
- Saturday, November 11th Corona RC Club Veterans Day Celebration Cookout
- Saturday, November 25th Menifee Valley Flyers Fall Swap Meet
- Saturday, December 9th Corona RC Club Christmas Party & Toys for Tots Drive
- Sunday, December 10th Chino Flyers Trainer 40 and Club 40 Pylon Races

September 7, 2017

Imaginology at Orange County Fairgrounds

HSS has again been invited to participate in the 2018 Imaginology event at the Orange County Fairgrounds. This is an annual event and HSS has been very active over the last several years. In 2017 we teamed with Squadron 68 of the Civil Air Patrol, and the Knights of the Round Circle. Initial details are shown below, but this gives us plenty of opportunity to plan for this really fun event.



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



Increased Drone Operations at Fairview Park

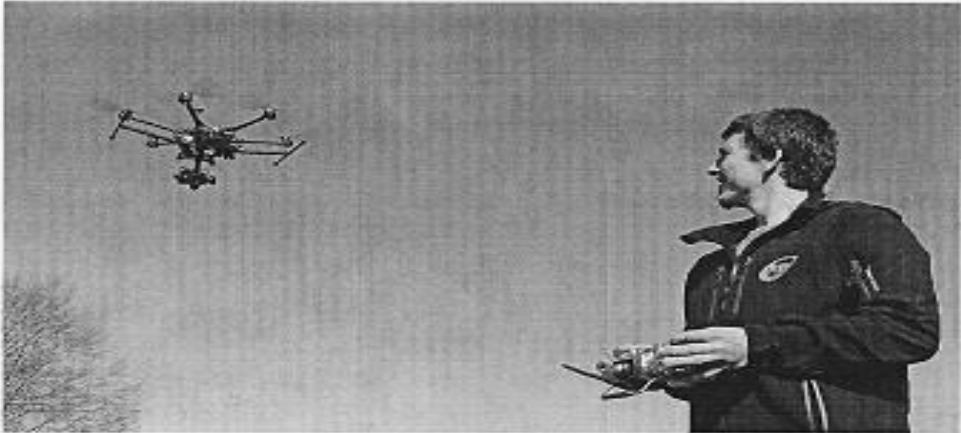
The City of Costa Mesa just published an advisory, informing all drone pilots that the only allowable area to fly drones is at our flying field in Fairview Park. This will be interesting to see how much congestion results from this directive. HSS has had only a few members flying drones up to this point. However, it might be well worth our effort to welcome these pilots into the club, and establish activities similar to the Silent Flyers of San Diego (SEFSD). They sponsor monthly competitions and set up race courses for member participation.

CITY OF COSTA MESA

DRONE


INFORMATION

The only City facility where flying a drone is allowable is at the Fly field in Fairview Park.



Rules & Requirements for Interested Parties Wishing to Operate a Drone

- Pilot must be an active AMA (Academy of Model Aeronautics) member or have a current homeowners/personal liability policy specifically covering model aircraft operation with a minimum limit of \$500,000. Visit: www.modelaircraft.org
- Pilot must apply for and maintain a City issued model aircraft permit. Visit: www.costamesaca.gov
- Pilot must only fly their device at the approved location, which is at the fly field at Fairview Park. See onsite map for specifics.



Costa Mesa Parks & Community Services
(714) 754-5300
www.costamesaca.gov

General Information In Regard to Drones

- Drones are covered under the AMA membership as long as they aren't flown for commercial purposes. This does cover use at Fairview Park.
- Fairview Park is a public flying site for model aircraft. The City of Costa Mesa's Model Aircraft Flying Regulations for Fairview Park defines a model aircraft as, "all forms of radio controlled gliders, electric motor gliders, electric powered model airplanes, electric helicopters.
- No aircraft may be flown over any vernal pond, nearby school, parking area or residential area.
- All pilots are encouraged to follow all rules, communicate openly and share the airspace with all other pilots.



Thank You Letter from Orange County Model Engineers

We have received a gracious thank you letter from the Orange County Model Engineers (OCME) for our participation in the Pumpkin/Scarecrow Festival held at their facilities on October 21-22.

October Operations

I want to thank you for coming to our October run. Your participation made our event possible. Without your support, we would not have been so successful. During this event, we gave rides to over 3,200 riders from Costa Mesa and the surrounding areas. This is the most riders we have ever had except for the Golden Spike event years ago. Everyone I spoke to had nothing but good things to say. Thank you for supporting the OCME (Orange County Model Engineers).

Sincerely,

Dixon Sheldon, Event Coordinator. Bob Harrison, VP Operations

Donations For Club Raffles

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

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

SC-2 Competition Results

Thanks to Jim Sonnenmeier, we have results for the 9th Southern California Soaring Club's (SC-2) competition for 2017. This is a monthly event hosted by member clubs.

Below are the results for the event hosted by the Torrey Pines Gulls at their Encinitas, CA field. Immediately following that are the Year End results for the 2017 SC-2 competition season.

SC2 Contest # 9						Hosted By TPG										Normalized Sort				Contest Entries		
Encinitas Flying Field, Encinitas, CA						Contest Director: Terry Throop														21		
October 29, 2017						Scorekeeper(s): Les Ward & Tom Trivitt																
Thermal Duration						Round 1, 8 mins.			Round 2, 10 mins.			Round 3, 10 mins.			Round 4, 8 mins.			Overall		LSF		
Place	PID	Pilot	Club	Class	L	T1	L1	S1	T2	L2	S2	T3	L3	S3	T4	L4	S4	Overall	Norm	Points		
1	425	Higgins, Walter	TOSS	Res	W	7.58	25	971.0	9.56	10	953.7	9.58	50	996.8	8.01	50	998.0	3919.6	1000.0	2100.0		
2	135	Smith, Mike	TPG	E	W	7.59	25	973.0	9.57	50	956.3	9.58	10	956.8	7.58	25	971.0	3896.1	994.0	1988.1		
3	124	Condon, Steve	TPG	E	W	7.58	0	946.0	10.00	0	950.0	9.59	50	998.4	8.01	50	998.0	3892.5	993.1	1886.9		
4	446	Fillce, Gary	TOSS	Res	W	7.59	25	973.0	10.00	10	960.0	10.01	50	998.4	7.55	0	940.1	3871.5	987.7	1777.9		
5	144	Watson, Tom	TPG	E	W	7.57	0	944.1	9.58	0	946.8	10.00	25	975.0	7.54	25	963.1	3829.0	976.9	1660.7		
6	4	Thonet, Andy	SWSA	E	W	8.00	50	1000.0	10.00	25	975.0	10.00	25	975.0	7.15	10	870.9	3820.9	974.8	1559.7		
7	306	Smith, Paul	ISS	S	W	8.00	0	950.0	10.03	0	945.3	10.00	25	975.0	7.55	0	940.1	3810.4	972.1	1458.2		
8	202	Hess, Stephan	TPG	I	W	7.57	25	969.1	7.59	0	758.4	10.01	10	958.4	8.01	25	973.0	3658.9	933.5	1306.9		
9	1	Lee, Mike	ISS	E	W	5.57	10	716.6	10.00	0	950.0	9.57	10	955.3	8.00	50	1000.0	3621.8	924.0	1201.2		
10	303	Tau, Manny	SC2	S	E	7.59	0	948.0	10.00	50	1000.0	7.51	0	745.8	7.19	0	868.9	3562.6	908.9	1090.7		
11	117	Jolly, Larry	TPG	E	W	8.00	50	1000.0	5.37	25	558.6	9.59	0	948.4	8.00	50	1000.0	3507.0	894.7	984.2		
12	107	Fillce, Gary	TOSS	E	W	5.39	50	720.9	10.02	0	946.8	8.01	0	761.6	8.03	0	944.1	3373.4	860.7	860.7		
13	215	Skube, Mike	TPG	I	W	4.19	25	537.6	10.04	10	953.7	9.06	20	884.5	3.57	50	519.1	2894.8	738.6	664.7		
14	121	Le, Tuan	HSS	E	W	8.01	0	948.0	10.00	10	960.0	9.57	40	985.3	0.00	0	0.0	2893.3	738.2	590.5		
15	3	Vera, Edgar	SWSA	E	W	4.13	0	500.7	3.54	25	395.5	10.00	10	960.0	8.01	50	998.0	2854.3	728.2	509.7		
16	314	Creager, Ronald	SC2	S	W	7.34	0	898.5	5.05	0	482.9	9.54	0	940.5	3.46	0	447.3	2769.3	706.5	423.9		
17	203	Stanton, Steve	ISS	I	W	3.27	0	409.7	2.48	0	266.0	7.39	0	726.8	7.53	0	936.1	2338.6	596.6	298.3		
18	109	Ward, Les	ISS	E	W	7.58	0	946.0	3.42	0	351.5	3.12	25	329.0	4.11	0	496.8	2123.3	541.7	216.7		
19	411	Aber-Song, Ed	EDSF	Woody	E	8.28	0	894.6	3.53	0	368.9	2.53	0	273.9	3.07	0	370.1	1907.5	486.7	146.0		
20	5	Trivitt, Tom	ISS	E	W	3.07	0	370.1	2.45	0	261.3	7.43	0	733.1	3.57	50	519.1	1883.5	480.5	96.1		
21	139	Stewart, Ed	ISS	E	W	0.00	0	0.2	0.00	0	0.0	0.00	0	0.0	0.00	0	0.0	0.2	0.1	0.0		



SC-2 Competition Results (Continued)

Here are the final results for the 2017 series of nine events held by Southern California Soaring Clubs (SC-2). Ross Thomas took second, and Bob Sliff third in Woody class. Erv Szego came in 5th, followed by Alberto Dona, 7th in intermediate.

2017 SC2 YTD Scores, Two Throwouts																
Place	PID	Pilot	Club	Class	1	2	3	4	5	6	7	8	9	SubTotal	1 Out	2 Out-Final
1	1	Lee, Mike	ISS	E	940.1	988.5	997.2	937.9	981.3	777.4	754.2	579.1	924.0	7879.7	7300.6	6546.4
2	202	Hess, Stephan	TPG	I	99.2	981.8	807.5	891.8	1000.0	993.3	878.0	0.0	933.5	6585.0	6585.0	6485.9
3	425	Higgins, Walter	TOSS	Res	967.0	849.0	973.9	857.8	565.6	990.4	672.5	714.4	1000.0	7590.5	7025.0	6352.5
4	5	Trivitt, Tom	ISS	E	963.7	968.0	883.7	841.0	0.0	901.0	913.9	875.7	480.5	6827.5	6827.5	6347.0
5	4	Thonet, Andy	SWSA	E	0.0	0.0	845.9	895.0	779.9	887.0	997.9	918.3	974.8	6298.9	6298.9	6298.9
6	303	Tau, Manny	SC2	S	831.3	801.9	0.0	813.0	825.6	755.7	825.6	993.8	908.9	6755.8	6755.8	6000.2
7	117	Jolly, Larry	TPG	E	1000.0	0.0	978.8	918.7	725.2	1000.0	0.0	0.0	894.7	5517.5	5517.5	5517.5
8	107	Filice, Gary	TOSS	E	0.0	957.5	0.0	704.2	0.0	997.9	990.7	986.6	860.7	5497.5	5497.5	5497.5
9	306	Smith, Paul	ISS	S	795.7	468.0	0.0	644.7	763.4	630.3	809.9	611.6	972.1	5695.8	5695.8	5227.8
10	112	Garber, Jonathan	TPG	E	994.3	0.0	0.0	1000.0	966.3	981.8	0.0	989.2	0.0	4931.5	4931.5	4931.5
11	446	Filice, Gary	TOSS	Res	0.0	991.8	0.0	452.7	0.0	714.9	759.8	975.9	987.7	4883.0	4883.0	4883.0
12	145	Reagan, Mike	TOSS	E	0.0	992.4	0.0	881.8	0.0	778.7	1000.0	1000.0	0.0	4652.9	4652.9	4652.9
13	110	Schwemmer, Rick	ISR	E	0.0	0.0	898.1	852.5	0.0	984.6	921.4	962.3	0.0	4619.0	4619.0	4619.0
14	203	Stanton, Steve	ISS	I	0.0	694.2	939.9	0.0	740.8	839.0	654.8	0.0	596.6	4465.5	4465.5	4465.5
15	411	Aber-Song, Ed	EDSF	Woody	486.1	691.4	615.2	342.1	624.6	747.0	590.2	669.0	486.7	5252.2	4910.1	4424.0
16	2	Khani, Ali	SC2	E	994.9	1000.0	848.1	822.9	617.6	0.0	0.0	0.0	0.0	4283.5	4283.5	4283.5
17	3	Vera, Edgar	SWSA	E	0.0	0.0	1000.0	992.2	699.5	0.0	0.0	795.1	728.2	4214.9	4214.9	4214.9
18	109	Ward, Les	ISS	E	681.3	0.0	602.2	575.3	0.0	240.8	656.6	741.4	541.7	4039.2	4039.2	4039.2
19	129	Pearson, Rick	VVRC	E	0.0	986.7	564.3	480.6	0.0	972.1	998.5	0.0	0.0	4002.1	4002.1	4002.1
20	106	Dora, John	ISS	E	980.5	910.8	797.2	0.0	0.0	0.0	888.1	0.0	0.0	3576.6	3576.6	3576.6
21	139	Stewart, Ed	ISS	E	878.9	840.5	249.6	0.0	0.0	967.9	168.1	0.0	0.0	3105.1	3105.1	3105.1
22	302	Aber-Song, Ed	EDSF	S	486.1	691.4	615.2	342.1	624.6	0.0	0.0	0.0	0.0	2759.4	2759.4	2759.4
23	121	Le, Tuan	HSS	E	0.0	947.1	985.1	0.0	0.0	0.0	0.0	0.0	738.2	2670.4	2670.4	2670.4
24	307	Summers, Sean	ISS	S	610.3	379.3	525.3	0.0	174.0	280.4	478.3	219.3	0.0	2666.8	2666.8	2666.8
25	210	Bacani, Alvin	ISS	I	964.3	677.7	547.0	0.0	0.0	0.0	0.0	0.0	0.0	2189.0	2189.0	2189.0
26	103	Townsend, Craig	SULA	E	0.0	709.4	660.1	0.0	0.0	0.0	813.8	0.0	0.0	2183.3	2183.3	2183.3
27	433	Thomas, Ross	HSS	Woody	0.0	779.6	748.5	0.0	544.0	0.0	0.1	0.0	0.0	2072.1	2072.1	2072.1
28	147	Kindrick, Keith	SWSA	E	0.0	991.6	0.0	0.0	0.0	0.0	0.0	998.8	0.0	1990.4	1990.4	1990.4
29	436	Reagan, Mike	TOSS	Res	0.0	0.0	0.0	0.0	0.0	995.7	905.5	0.0	0.0	1901.3	1901.3	1901.3
30	142	Throop, Terry	SULA	E	0.0	0.0	0.0	0.0	0.0	975.5	672.9	0.0	0.0	1648.4	1648.4	1648.4
31	424	Pearson, Rick	VVRC	Res	974.8	584.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1558.8	1558.8	1558.8
32	229	Campbell, Frank	SWSA	I	0.0	0.0	0.0	586.4	813.0	0.0	0.0	0.0	0.0	1399.4	1399.4	1399.4
33	314	Creager, Ronald	SC2	S	0.0	0.0	0.0	628.2	0.0	0.0	0.0	0.0	706.5	1334.7	1334.7	1334.7
34	311	Blinn, Jake	ISS	S	0.0	0.0	0.0	646.7	547.3	0.0	0.0	0.0	0.0	1194.0	1194.0	1194.0
35	312	Blinn, Kyle	ISS	S	0.0	0.0	0.0	639.5	370.7	0.0	0.0	0.0	0.0	1010.2	1010.2	1010.2
36	406	Jolly, Larry	TPG	Res	0.0	0.0	995.8	0.0	0.0	0.0	0.0	0.0	0.0	995.8	995.8	995.8
37	113	Sherman, Tristan	SC2	E	0.0	0.0	994.7	0.0	0.0	0.0	0.0	0.0	0.0	994.7	994.7	994.7
38	135	Smith, Mike	TPG	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	994.0	994.0	994.0	994.0
39	124	Condon, Steve	TPG	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	993.1	993.1	993.1	993.1
40	118	Sherman, Paul	SC2	E	0.0	0.0	993.0	0.0	0.0	0.0	0.0	0.0	0.0	993.0	993.0	993.0
41	144	Watson, Tom	TPG	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	976.9	976.9	976.9	976.9
42	111	Gomez, Manny	ISS	E	0.0	975.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	975.9	975.9	975.9
43	223	Szego, Erv	HSS	I	0.0	0.0	0.0	0.0	966.6	0.0	0.0	0.0	0.0	966.6	966.6	966.6
44	200	Douglas, Ian	SWSA	I	0.0	0.0	265.2	0.0	0.0	674.7	0.0	0.0	0.0	939.9	939.9	939.9
45	114	Hallford, Phillip	SWSA	E	0.0	864.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	864.0	864.0	864.0
46	408	Schaefer, Bruce	HSS	Res	0.0	0.0	0.0	0.0	858.6	0.0	0.0	0.0	0.0	858.6	858.6	858.6
47	219	Dona, Alberto	HSS	I	0.0	836.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	836.9	836.9	836.9
48	100	Loredo, Javier	SC2	E	0.0	522.1	240.8	0.0	0.0	0.0	0.0	0.0	0.0	762.9	762.9	762.9
49	146	Deckman, Mike	SWSA	E	0.0	751.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	751.2	751.2	751.2
50	215	Skube, Mike	TPG	I	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	738.6	738.6	738.6	738.6
51	402	Loredo, Javier	SC2	Res	0.0	246.6	474.6	0.0	0.0	0.0	0.0	0.0	0.0	721.2	721.2	721.2
52	126	Morjoseph, Mike	SWSA	E	0.0	0.0	0.0	0.0	704.4	0.0	0.0	0.0	0.0	704.4	704.4	704.4
53	435	Vera, Edgar	SWSA	Res	0.0	0.0	0.0	0.0	0.0	0.0	0.0	693.0	0.0	693.0	693.0	693.0
54	304	Diaz, Daniel	ISS	S	683.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	683.9	683.9	683.9
55	410	Sliff, Robert	HSS	Woody	0.0	0.0	0.0	0.0	627.6	0.0	0.0	0.0	0.0	627.6	627.6	627.6
56	401	Adamczyk, Adam	HSS	Res	0.0	0.0	0.0	0.0	381.9	0.0	0.0	0.0	0.0	381.9	381.9	381.9
57	405	Corsaro, Frank	SWSA	Woody	0.0	333.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	333.5	333.5	333.5
58	309	Barr, John	SWSA	S	0.0	0.0	237.6	0.0	0.0	0.0	0.0	0.0	0.0	237.6	237.6	237.6
59	409	Creager, Ronald	SC2	Res	0.0	0.0	0.0	159.9	0.0	0.0	0.0	0.0	0.0	159.9	159.9	159.9



HSS History

Harbor Soaring Society is approaching its 55th year as the oldest AMA charted soaring club in the USA. Members come and go, and very often miss the astonishing history of accomplishments that make this club what it is. Richard Odle has assembled a 31 page slide show covering barely the frosting of this club. Your editor is continuing a multi-month feature in this newsletter that will show part of this history each month. In the November issue we showed slides 1 through 5. Here are slides 6 through 11. We hope you do enjoy. For those of you that wish to research more on HSS, check out our archives.

Early History Circa 2002 and Beyond

Early 2002, Harbor Soaring Society plans and develops a runway.
This is the beginning of a New Era... Electric Powered Aircraft !



Early History Circa 2005, A New Field

From the Sept 2005 Plane Rap Newsletter, A Public/Private Partnership

The New HSS Runway Has Arrived!

The City of Costa Mesa has done a magnificent job of grading a large area north of the paved pedestrian path which will be the new takeoff and landing area for gliders and power planes. The photo below shows the work being done. This was started on Thursday August 18th, with grading being finished on the 19th. The area will be compacted shortly, after which members are invited to help rake up rocks and do minor cleanup.



The city graded an area 150' wide by 470' long, parallel to the pedestrian path which gives us a North East to South West runway nicely aligned with the prevailing winds. This provides significantly improved safety since we will no longer be flying across the paved pedestrian path. Bill Eckles and Tom Burgess will be working on a new set of field rules. They would appreciate any inputs from members and park users that would make these rules better for both electric and glider pilots. We have aerial photos in Plane Rap on our web sites.



HSS History (Continued)

Harbor Soaring Society at Fairview Park
Community Benefits – HSS Installation of Park Signage



8

Harbor Soaring Society at Fairview Park
Community Benefits – HSS Installation of Park Signage



9



HSS History (Continued)

Harbor Soaring Society at Fairview Park Community Benefits – HSS Park Cleanup

HSS ACTIVITIES: And We Actually Do Real Work, No Cost To City



Thanks To E-blast & Dedication, Big Group For Park Cleanup



Digging Post Holes For Park Signs



Many Loads Of Trash, General Director Henry, Son and VP Jesse In The Thick Of Things!

10

Harbor Soaring Society at Fairview Park

**We have always maintained our field at no cost to the City
This is done a few times a year, as needed, under approval of the City**



11



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 18 of this newsletter.

Interesting Links (New for December)

Here are some internet links that might be of interest, provided by Jim Sonnenmeier. Thanks, Jim. - Ed.

- Here is a site that provides plans for an exceptional paper airplane. <http://www.popularmechanics.com/home/how-to-plans/a27564/how-to-make-the-best-paper-airplane/>
- The League of Silent Flight has announced its new officers for 2018, <https://www.rcgroups.com/forums/showthread.php?2973446-LSF-Officers-Elections>
- Here is a nice video clip of inside the Schleicher glider manufacturing facility. Very interesting. <http://www.unserebroschuere.de/video/00154965> .
- And, here is the Schleicher glider brochure. <http://www.unserebroschuere.de/schleicher2017/WebView/> .
- Scaled Composites has developed a new test aircraft. <http://www.thedrive.com/the-war-zone/15105/watch-scaled-composites-stealthy-new-test-aircraft-takeoff-for-the-first-time> .
- Here are two WenMac videos from 1963 and 1969. <https://www.youtube.com/watch?v=qzls1EtwsP4&feature=youtu.be>
- Bell Aircraft is developing their tilt rotor called V-280 Valor. <http://newatlas.com/bell-v-280-valor-tiltrotor-ground-test/51678/>
- SpaceX shows clips of how not to land a booster. https://theawesomer.com/spacex-bfr-intercontinental-rocket/447746/?utm_content=buffer7da67&utm_medium=social&utm_source=facebook.com&utm_campaign=buffer
- Jump in a fighter jet and go stunt flying in Virtual Reality. <https://www.usatoday.com/videos/virtual-reality/vrtually-there/2017/05/16/jump-fighter-jet-and-go-stunt-flying-vr/101732262/>
- Landing with no nose gear on a carrier. <https://rumble.com/v2z8bj-pilot-lands-harrier-fighter-jet-without-landing-gear.html?mref=6i76&mc=8jxox>
- Airborne shooting display (life rounds) with F/A-18, F-5 Tiger, in the beautiful Swiss mountains. <https://www.youtube.com/watch?v=Su8frCVv-9A>

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>



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. Why not consider helping your district with its website.

Plane Rap Archives

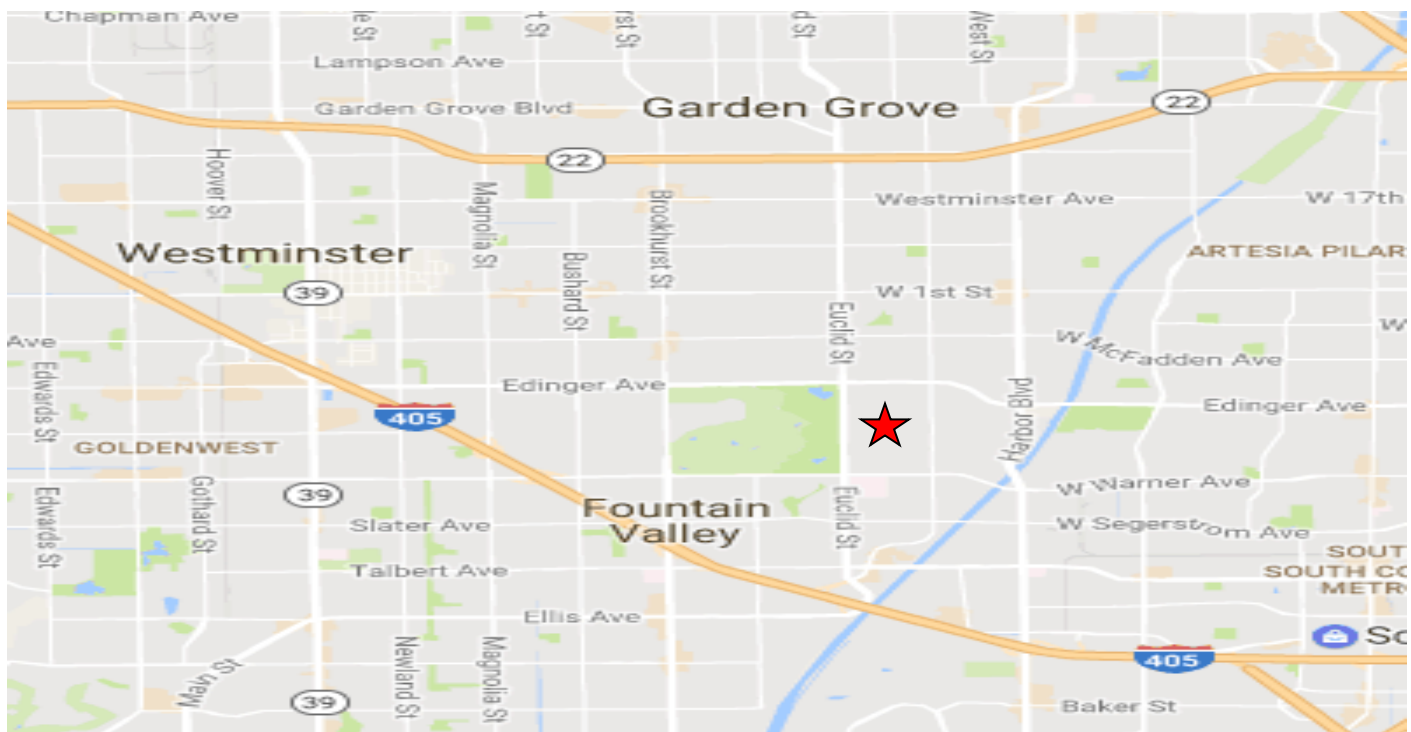
Thanks to John Brown, a previous editor of Plane Rap, we have found out that four recent issues were not published, so we won't list them as missing from our Plane Rap newsletter archives. January, July, and December of 2000, and January of 2001 are non-existent. Again, if any one has any part of the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

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

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

January 2, 2018 Meeting Announcement

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



2018 City Flying Permits Available

A permit to fly radio-controlled model aircraft is required to operate model aircraft at Fairview Park. This permit can be obtained by going to www.costmesaca.gov and downloading the file Model Airplane Fly Permit 2014.pdf. You must also show proof of adequate liability insurance in the form of a current Academy of Model Aeronautics (AMA) membership card or a current homeowners/personal liability policy specifically covering model aircraft operation with a minimum limit of \$500,000. Rules and regulations for flying the model aircraft can be found in the City of Costa Mesa Municipal Code, Title 12, Chapter II, Articles 2 & 3.

Permit Fee: \$50 per year for Costa Mesa residents. \$55 for nonresidents. Learner's Permit for youths 6-14 years old - \$TBD per year.

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

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

Recreation Division – Fly Permit

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

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

- Permit Application (filled out and signed).
- Copy of your drivers 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 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 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.
- John Ostrowski has a Radian Electric glider with a DX6i transmitter for sale.
- John also has an electric powered Blaster 2e for sale.

This is a cousin of the Snipe. Contact John at driwo@yahoo.com if you are interested.



Above is Radian, and Blaster is at right.

Photos are stock from the internet, not the actual items.

**HSS Sponsors**

The following companies are proud sponsors of Harbor Soaring Society. They give us special offers, and make contributions to our monthly raffles. In return, please support them, and mention that you saw them advertised in the HSS Plane Rap newsletter.

ROB'S R/C HOBBIES

Sales / Parts / Repair

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

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

Robsrchobbies.com



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

Director

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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 2017

President	Joni Whitsitt	714-396-2523	whitsittjo@gmail.com
Vice President	Henry Smith III	714-322-6537	henry.smith.3@earthlink.net
Treasurer	Mike Gaczowski	949-632-1747	mgaczowski@cox.net
Secretary	Bruce Gale	949-394-3924	galebl@cox.net
Contest Coordinator	Bruce Schaefer	714-814-6412	metaterra@msn.com
Safety Officer	Jim Sonnenmeier	814-490-9957	irs36psu@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	Fred Hesse	714-963-5838	fhesse@socal.rr.com
Publisher	Fred Hesse	714-963-5838	fhesse@socal.rr.com
Club Photographer	Rob Askegaard	714-968-1973	rmaskegrd@gmail.com
Social Media Manager	David Miller	949-351-7047	davidjmiller949@gmail.com
Lead Flight Instructor	Ted Broberg	714-235-6430	tcbroberg@gmail.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 DECEMBER 5, 2017, AT SUPER A'S MEXICAN RESTAURANT. 2949 FAIRVIEW ROAD. COSTA MESA, CHRISTMAS PARTY 6-9 PM. INSTALLATION OF 2018 CLUB OFFICERS. BRING YOUR FAMILY, WIFE, AND FRIENDS FOR DINNER. WE WILL HAVE A SPECTACULAR RAFFLE. SEE DETAILS AND INSTRUCTIONS TO LOCATION ON PAGE 4. 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

