



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.

August 2018

HSS IS NOW OVER 54 YEARS OLD!

Volume 55

All of Fairview Park is a no smoking zone. If you see someone smoking anywhere in the park, ask them to stop.

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Coming Events and Soaring Competitions

August - October 2018

- Tuesday August 7, 2018. HSS general meeting, 7 PM. Round Table Pizza, 11095 Warner Ave. See P.15 for details and location.
- Saturday August 11, 2018. National Model Aviation Day. Held at OCMA Blackstarr field?
- Sunday August 19, 2018. Sixth SC-2 soaring competition of the 2018 season hosted by TOSS. At new Thousand Oaks field. See P.11.
- Saturday August 25, 9 AM – 1 PM. Flying field maintenance. Bring shovels and brooms.
- Tuesday September 4, 2018. HSS Steering Committee Meeting, 5:30 PM followed by General Meeting, at 7 PM. Round Table Pizza, 11095 Warner Ave. See P.15 for details and location.
- Saturday September 8, 2018. Bent Wing glider contest at Fairview Park. See event flyer P.8.
- Sunday Sept. 16, 2018. Seventh SC-2 soaring competition of the 2018 season hosted by Torrey Pines Gulls. See P.11.
- Tuesday October 2, 2018. HSS general meeting, 7 PM. Round Table Pizza, 11095 Warner Ave. See P.15 for details and location.



July 3, 2018 General Meeting Minutes

The July 3, 2018 General Meeting was held at Round Table Pizza at Warner and Euclid in Fountain Valley.

President Joel Jones opened the meeting at 7:10 with the pledge of allegiance. Officers in attendance included Mike fox, Vice President; Henry Smith III, Treasurer; Fred Hesse, Editor and acting Secretary.

1. Joel reminded everyone that all of Fairview Park is a no smoking zone, and if a member observes anyone smoking, they should politely request them to stop.
2. Apparently a group has been coming to Fairview Park to fly drones. They are not allowed to fly until permission has been obtained from Harbor Soaring Society and the City of Costa Mesa. The city wishes to ensure that the group has adequate insurance.
3. There is still the problem of model plane noise disturbing White Tailed Kites and Northern Harriers. To cooperate with the City, Harbor Soaring Society has adjusted event schedules to be outside the nesting season which is from March to 15 September.
4. The Dollar Tree Design, Build, and Fly Competition is now scheduled for Saturday 13 October, 2018. Two sessions are planned, the first from 7:30 to 9:30 AM, and the second from 4 PM until sunset (6:45 PM). Design and participation rules are published elsewhere in this newsletter.
5. Joni Whitsitt is moving out of the area this July/August. The club needs a volunteer to take meeting minutes for the August 7 meeting and possibly the remainder of the year. Contact Joel Jones.
6. Likewise, Ryan McMinimy is departing at the end of the year, so we need a grounds keeper for the following year.
7. HSS will perform a park cleanup activity as a public service to the City of Costa Mesa on Saturday 28 July, 2018. We will cover the entire Fairview Park except where the Railroad Club has their facility.
8. HSS members and non-members are invited to assist in runway maintenance on Saturday 25 August 2018. Bring square bladed shovels and push brooms.
9. Concerts At The Park will be put on by the City on Tuesdays July 10, 17, 24, 31.. Harbor Soaring Society will assist as a community service by maintaining a booth with the Civil Air Patrol on three of those days. We expect to display models, pass out brochures, and possibly have a flight simulator in operation. Two to three members are needed from 5 PM to closing. Contact Joel Jones if you can assist. The flying field will be closed during these events.
10. The annual HSS Bent Wing Glider Competition will be held Saturday 8 September, 2018 at Fairview Park. A Contest Director will be appointed. See info and flyer on P.7-8.
11. The Huntington Beach Air Show will occur on 19-21 October. The headline flight team will be the US Navy Blue Angels, who will practice on Thursday 18 October. The Fairview Park flying field will be closed during flight operations on those four days.

Raffle:	Winner	Prize
	Henry Smith III	Servo
	Larry Koch	30 Amp Brushed Speed Control
	Kevin Koch	Brushless Motor
	Ralph Siegfried	30 Amp Speed Control
	Charles Seigfreid	K-Line Fokker Kit
	Mike Fox	AMA Alpha rubber powered model
	Ryan McMinimy	Turbo Ace Speed Control

Attendance:

Rob Askegaard	Ryan McMinimy	Mike Fox	Henry Smith III	Fred Hesse
Chuck Harrington	Bill Sharkey	Larry Koch	Joel Jones	Ross Thomas
Kevin Koch	Ralph Siegfried	Charles Siegfried	Maxine Thomas	Mike Costello

The meeting was concluded at 8 PM.

Respectfully submitted, Fred Hesse, Acting Secretary



HSS Steering Committee Meeting 3 July, 2018

The July 3 2018 Steering Committee Meeting was held at Round Table Pizza at Warner and Euclid in Fountain Valley.

President Joel Jones opened the meeting at 6:15 PM. Officers in attendance included Henry Smith III, Treasurer; Fred Hesse, Editor and acting Secretary.

1. Joel stated that the Huntington Beach Air Show will occur Friday through Sunday October 19-21 plus practice by the Blue Angels on Thursday afternoon. The field will be closed during these operations.
2. The Dollar Tree Design, Build and Fly Challenge will be held on Saturday 13 October. Two flying periods are planned, 7:30 to 9:30 AM and 4 PM to Sunset. Joel will make arrangements with the City for an event permit. Rules will be finalized and published in the newsletter along with flyers.
3. The City is still reporting cigarette smoking has been observed at the flying field. Henry Smith III will put up a No Smoking sign (however it seems this would be a City responsibility).
4. HSS is scheduling a full park cleanup as a community service. Everyone should join us from 9 AM to 1 PM on Saturday July 28. We will pick up trash over the entire Fairview Park except for the train area.
5. Joel has scheduled a runway maintenance party on Saturday August 25 from 9 AM to 1 PM. Bring square bladed shovels and push brooms. Invite non-members who fly at our field.
6. Concerts At The Park will be put on by the City on Tuesdays July 10, 17, 24, and 31. Harbor Soaring Society will assist as a community service by maintaining a booth with the Civil Air Patrol on those days. Joel will specify activities. We expect to display models, pass out brochures, and possibly have a flight simulator in operation. Henry Smith III will arrange for an E-mail blast to recruit member assistance. Two to three members are needed from 5 PM to closing. Contact Joel Jones if you can help. The flying field will be closed during these events.
7. The annual HSS Bent Wing Glider Competition will be held Saturday 8 September, 2018 at Fairview Park. Henry Smith III will contact our Contest Coordinator, Bruce Schaefer, to plan the event and appoint a Contest Director. Joel will arrange for the City event permit. See flyer on P.7 and 8.
8. HSS T-shirt procurement is temporarily on hold.
9. Joel will attend the Fairview Park Citizens Steering Committee meeting on Wednesday July 11.
10. Fred Hesse will contact AMA Assistant Vice President Greg Stone for status update of the Orange County Parks Department quarterly meetings.
11. The storage container still needs cleaning out. Not clear who has the assignment.
12. The next HSS Steering Committee Meeting will be held on Tuesday 4 September at 5:30 PM, just prior to the September General Meeting.
13. Fred Hesse is to locate the HSS Fairview Park Use Permit for 2006 in the archives and send a copy to Joel.

Meeting Adjourned 7:05 PM. Respectfully submitted, Fred Hesse - Acting Secretary

City Hall Operations

A recent trip to Costa Mesa City Hall revealed that not only was the cost of a flying permit jacked from \$25 to \$50, plus \$5 for non-city resident, they also are charging an additional \$5 for "Administrative Fee". Total \$55 to \$60. In addition, entrance to Parks and Recreation Department on the third floor is now guarded, requiring signing in, and an escort to the elevator.



Concerts in the Park.

As a community service, HSS supports the Concerts in the Park, an event put on by the City of Costa Mesa Parks and Recreation Department. There are five concerts, held each Tuesday in July, from 5 to 7 PM. Members of HSS and Squadron 58 of the Civil Air Patrol meet and greet concert attendees, and demonstrate model aircraft and paper gliders. John Anderson does a remarkable job getting interest in his paper gliders as shown below. Assisting John have been President Joel Jones, Vice President Henry Smith III, and Editor Fred Hesse. Stopping by for a visit are Kevin Koch, Mike Gaczowski, and Ralph Siegfried. Photos below were taken by our club photographer, Rob Askegaard.



Dollar Tree Foam Challenge**Event Description:**

HSS is planning a fun competition to design, build, and fly an original electric powered model of your choice. This event was first proposed by Kevin Koch in 2017. This year's event to be held at Fairview Model Airport on October 13, 2018. 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 October 13, 2018, Fairview Model Airport

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



Latest FAA Regulations

Press Release – FAA Statement–Federal vs. Local Drone Authority

July 20, 2018

Congress has provided the FAA with exclusive authority to regulate aviation safety, the efficiency of the navigable airspace, and air traffic control, among other things. State and local governments are not permitted to regulate any type of aircraft operations, such as flight paths or altitudes, or the navigable airspace.

However, these powers are not the same as regulation of aircraft landing sites, which involves local control of land and zoning. Laws traditionally related to state and local police power – including land use, zoning, privacy, and law enforcement operations – generally are not subject to federal regulation.

Cities and municipalities are not permitted to have their own rules or regulations governing the operation of aircraft.

However, as indicated, they may generally determine the location of aircraft landing sites through their land use powers.

In the context of Unmanned Aircraft Systems (UAS) – popularly called “drones”—the Department of Transportation’s UAS Integration Pilot Program (IPP), directed by the President, will provide the FAA with insight on [how to best involve local jurisdictions in the integration of UAS into the airspace](#) (PDF) in a way that also alleviates their concerns. On May 9, the Secretary of Transportation announced the selection of 10 state, local, and tribal governments as participants in the pilot program. These entities will partner with private sector participants to safely explore the further integration of drone operations. We’re looking forward to working with the IPP participants as we look to the future.

Henry Smith added the following comment:

“It has always been so. In essence this means the city cannot control the altitude at which we fly. We must follow federal rules. The city can control where we take off and land.”

HSS Bent Wing Glider Competition

HSS is planning the annual RES/Woody Contest for Saturday September 8 2018 at our Fairview flying field. The following flyer gives the event details including flying tasks, entry fee, class description, awards, and other details. Electric gliders will be invited so long as they have a motor cutoff set for 150 meters above ground level. This event will be open to guests who are not required to have a City of Costa Mesa flying permit. Additional details may be found on the HSS web site at www.harborsoaringsociety.org.

- Artificial intelligence is no match for natural stupidity. -
- A clear conscience is usually the sign of a bad memory. -



HSS Bent Wing Glider Competition(Continued)**Harbor Soaring Society Annual RES/Woody Contest****Date:** Saturday, September 8, 2018**Location:** Fairview Park**Field:** **Dirt, a little Grass and More Dirt**

2525 Placentia Ave. Costa Mesa, CA 92628

(Enter from Canyon Dr. – see map)

Contest Director: Bruce Schaeffer**Club President:** Joel Jones**Sign up:** 8:30 AMmetaterra@msn.comsimpleamps@me.com**Pilots Meeting:** 8:55 AM

(714) 814-6412

Contest Starts: 9:00 AM**Fee:** \$5.00 Each Class – RES, RES – Woody (Rudder/Elevator/Spoiler) ONLY

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

TASKS:

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

Rounds 1 & 2: 8 mins. Rounds 3 & 4: 10 mins. – For a total of 36 minutes – Open flight order.

LAUNCHING: **Winch** with retriever (approx. 500' to turnaround) OR **Electric launch** – landing zone behind winch on model runway. E – Launching is parallel to winch corridor with height limited to 150 meters by limiting device.

AWARDS: RES and Woody – 1st thru 3rd place,**RULES:** AMA membership required

All AMA Rules apply

Restroom available on site



GPS 33°39'37.11"N, 117°56'25.55"W

WOODY Class:

RES Only – No restrictions on wingspan

All flying surfaces to be built-up from wood

No restriction on spar construction or materials

No molded D-tube type leading edge construction

No carbon-capped ribs

Fuselage can be wood, molded fiberglass or carbon boom

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



July 15 SC-2 Competition Hosted by ISS

The following are the results of the fifth SC-2 soaring competition sponsored by Inland Soaring Society of Riverside. This was held on Sunday July 15.

SC2 Contest # 5 AYSO Soccer Field - Riverside CA July 15, 2018						Hosted By ISS Contest Director: Mike Lee Scorekeeper(s): Les Ward						Normalized Sort			Contest Entries 17				
Thermal Duration						Round 1, 8 mins.			Round 2, 10 mins.			Round 3, 10 mins.			Round 4, 10 mins.			Overall	
Place	PID	Pilot	Club	Class	L	T1	L1	S1	T2	L2	S2	T3	L3	S3	T4	L4	S4	Overall	Norm
1	117	Jolly, Larry	TPG	E	W	8.00	45	972.5	9.59	50	973.4	9.59	50	973.4	10.00	50	975	3894.3	1000.0
2	2	Hess, Stephan	TPG	E	W	7.59	50	973	9.56	45	966.2	10.01	45	970.9	9.52	50	962.3	3872.4	994.4
3	145	Reagan, Mike	TOSS	E	W	8.00	40	970	9.58	35	964.3	7.24	40	723	9.57	40	965.3	3622.6	930.2
4	110	Schwemmer, Rick	ISR	E	W	7.59	45	970.5	10.00	40	970	10.02	30	961.8	6.26	0	611.2	3513.5	902.2
5	203	Stanton, Steve	ISS	I	W	8.00	25	962.5	6.24	0	608	9.57	20	955.3	9.57	20	955.3	3481.0	893.9
6	125	Vera, Edgar	SWSA	E	W	8.01	50	973	9.58	0	946.8	9.59	46	971.4	5.39	0	536.8	3428.0	880.3
7	306	Smith, Paul	iSS	S	W	8.07	30	951.1	6.54	5	658	10.00	0	950	5.35	0	530.4	3089.6	793.3
8	5	Thonet, Andy	SWSA	E	W	7.56	40	962.1	6.16	40	615.3	9.59	30	963.4	3.22	0	319.8	2860.7	734.6
9	1	Lee, Mike	ISS	E	W	7.55	40	960.1	6.19	30	615.1	3.08	45	320.2	9.35	0	910.4	2805.8	720.5
10	129	Pearson, Rick	VVRC	E	W	8.01	35	965.5	3.22	35	337.3	9.16	50	905.3	3.02	20	298.2	2506.4	643.6
11	211	Creager, Ronald	SC2	I	W	7.53	30	951.1	10.13	0	929.4	3.30	0	332.5	2.37	0	248.6	2461.6	632.1
12	334	Swain, John	ISS	S	W	2.35	0	306.8	3.56	0	373.7	9.40	0	918.3	6.57	0	660.3	2259.0	580.1
13	307	Summers, Sean	ISS	S	E	2.18	0	273.1	3.39	0	346.8	7.11	0	682.4	9.34	0	908.8	2211.1	567.8
14	403	Barr, John	SWSA	Res	W	8.02	10	951	4.56	0	468.7	3.03	0	289.8	2.29	0	235.9	1945.4	499.5
15	411	Aber-Song, Ed	EDSF	Woody	E	3.29	0	413.6	3.47	0	359.4	4.04	0	386.3	7.36	0	722	1881.4	483.1
16	200	Douglas, Ian	SWSA	I	W	4.39	40	572.2	3.53	15	376.4	4.15	10	408.8	4.01	40	401.6	1758.9	451.7
17	109	Ward, Les	ISS	E	W	3.19	0	393.9	5.16	0	500.3	0.00	0	0	0.00	0	0	894.2	229.6

Field Closure

Our field will be closed to flying on July 19 and 20, and August 2 from 8 AM to 1 PM.

Costa Mesa Fire & Rescue will partner with several local firefighting agencies to conduct Air Operations Training at Fairview Park to prepare for the potential of wildfires in the area and improve communications and interoperability between all agencies.

To avoid interference with the training and to minimize safety concerns, fire officials are requesting that the public stay away from that area of the park and to refrain from any drone usage in and around the area.

Costa Mesa Fire & Rescue is the host of the operations, which will take place at the south end of the park on July 19 and 20 and Aug 2 from 8 a.m. to 1 p.m. Orange County Fire Authority and the Orange County Sheriff's office and several Orange County fire agencies will also take part in the exercise.

Both the Sheriff and Fire Authority helicopters will be used during the operations as well as other large fire apparatus.

Henry A. Smith III, Vice President
Harbor Soaring Society

- Junk is something you've kept for years and throw away three weeks before you need it. -
- If you look like your passport picture, you probably need the trip. -



Model of the Month

Our Model of the Month is Jerry Smith's beautiful foam scale Curtiss P-40B by FMS. It has a 56" wing span, flaps, and retractable landing gear. This model is finished in accurate colors and markings of the AVG Flying Tigers. Thanks Rob for the great photos. - Ed.



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

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

Here is a recent description on the new flying field for Thousand Oaks Soaring Society (TOSS).

From: Mike Reagan

Subject: Thousand Oaks club has a new field.

New TOSS field location. The gps is 34 12' 28" N 118 49' 47" W . Sapwi Trails Community Park. You can bring it up on Google earth and the most recent sat pics show the winch pad, parking area and (fake) grass landing pad. It is just off North Westlake Blvd up from Avenida De Los Arboles. A note about our landing area. It is not good to use skegs on. Your plane will stop fast and even possibly crack a joiner. Rubber skids like what work on the SWSA carpet are best for our turf and you won't slide as much. We also are not allowed to fly down wind over and past Westlake for safety reasons, mainly busy 50mph street and expensive houses. This is too bad because the big lift is on the top of the hills and in Santa Ana winds a solid wave forms over the south ridge. But don't worry, we have a ridge that runs along the north edge of the field that is almost parallel with the prevailing wind that creates lots of turbulence for landing. Hope everyone can make it out on Aug 19.

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.



2018 Consolidated Schedule of RC Events

June 9/10 th	Hemet Model Masters 3D Event "Hucking in Hemet"
Wednesday, June 27 th	Chula Vista Model RC Club Float Fly at Otay Lake
Wednesday, July 4 th	Corona Radio Control Club Member Appreciation
Saturday, July 7 th	Gilman Springs RC Flyers Summer Night Fly
Saturday, August 4 th	Menifee Valley Flyers "Hot August Nights Club Appreciation"
August 11/12 th	Hemet Model Masters "Warbirds at Hemet"
Saturday, August 11 th	Gilman Springs RC Flyers Mid-Summer Night Fly
Saturday, August 18 th	Circle City Flyers Scale Fly-In
Wednesday, August 22 nd	Chula Vista Model RC Club Float Fly at Otay Lake
Saturday, September 8 th	Hemet Model Masters Autumn Swap Meet
Saturday, September 8 th	Menifee Valley Flyers Annual Poker Fly
Saturday, September 8 th	Corona Radio Control Club Electric/Gas Fun Fly
Saturday, September 8 th	Gilman Springs RC Flyers End-of-Summer Night Fly
Saturday, September 15 th	Gilman Springs RC Flyers "Warbirds Over Gilman Springs"
October 6/7 th	Hemet Model Masters "IMAC Regionals"
Saturday, October 13 th	Gilman Springs RC Flyers Fall Swap Meet
Saturday, October 20 th	Chula Vista Model RC Club Float Fly at Otay Lake
Saturday, October 27 th	Corona Radio Control Club Float Fly at Lake Perris
November 2/3/4 th	AMA EXPO WEST at the FAIRPLEX Pomona
Saturday, December 1 st	Corona Radio Control Club Christmas Party & Toys for Tots
Saturday, December 8 th	Menifee Valley Flyers "Spark of Love Fun Fly & Toy Drive"
Saturday, December 15 th	Hemet Model Masters "Holiday Event/Toy Drive"

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.

- A balanced diet is a cookie in each hand. -

- One nice thing about egotists, they don't talk about other people. -



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

MEMBERS USE CODE "AMA1936" WHEN CHECKING OUT.

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

- Age is a very high price to pay for maturity. -



Seen Around The Field (Photos courtesy of Rob Askegaard)

Student Jack Ras retrieves the training plane.



Henry Smith III giving instruction to student Jack



Jeff Denham and his Lippisch Lip-15. It has a 64 mm Electric Ducted Fan (EDF) and runs on 3 cells. This plane was never built by the Germans but was jet powered based on the Me-163 rocket powered Comet.



Frank Baker's T-45C Goshawk with flaps, retracts, speed brakes, lights, and tail hook. It has a 90 mm EDF by Free Wing.



Message from our AMA Assistant Vice President.

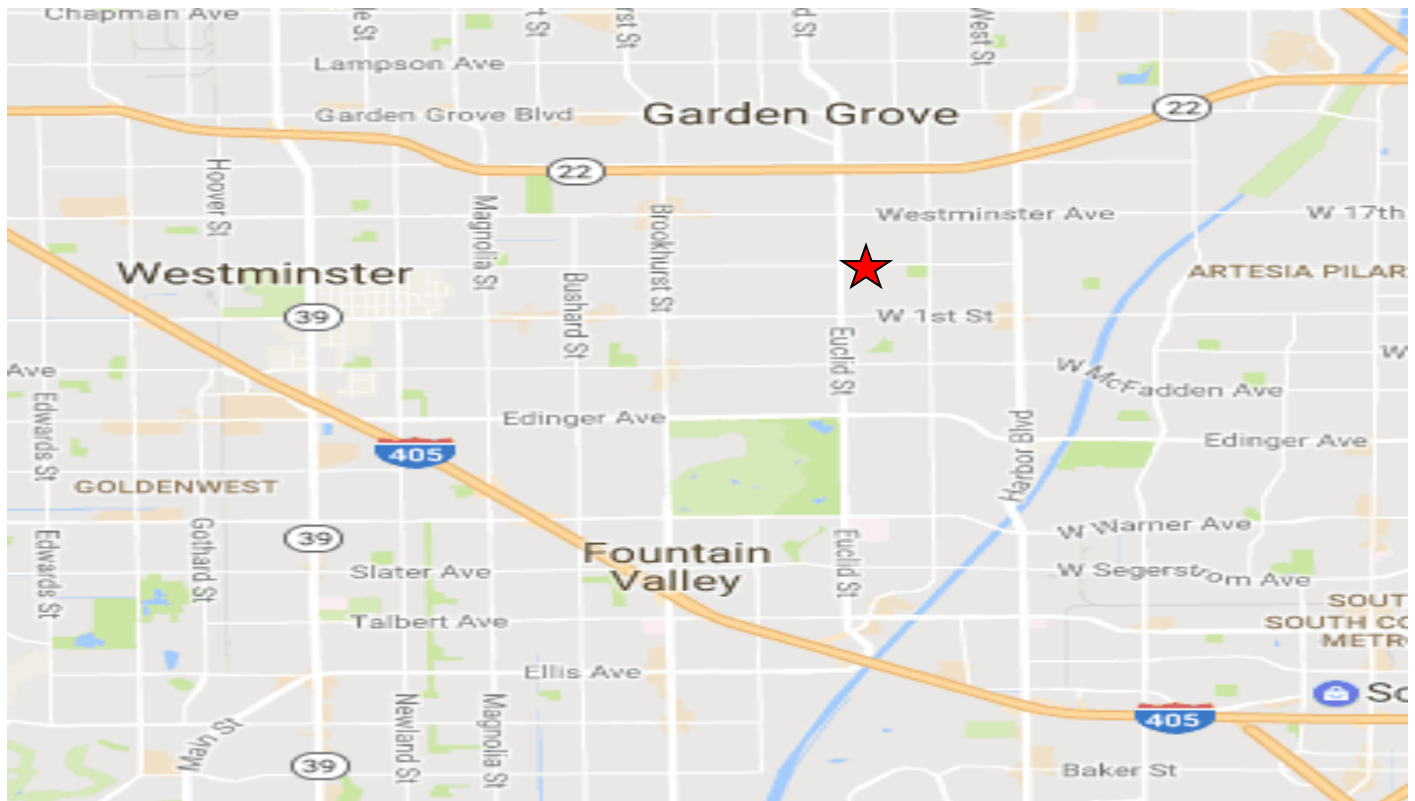
In the May 1, 2018 General Meeting Minutes printed in the June 2018 newsletter, your acting Secretary failed to include all of the details of the presentation by AMA Assistant Vice President Greg Stone. Greg was gracious enough to provide the missing material plus a reminder that he is running for AMA District X Vice President. Here are his missing comments.

For District X VP – I have been officially nominated and accepted as a candidate for the upcoming District X Vice President election. I would be thrilled to win this position and ask for everyone's vote when the ballots are mailed out around the beginning of October.

For the Design, Build, Fly collegiate events – locally we supported UCI, CSUF, and ASU teams for the SAE Aero Design competition that was held at Apollo XI field in Van Nuys. Great showing from all these universities. There were 73 registered teams from around the world competing. With the increased weight, complexities of the missions, and area required to safely fly everyone was testing at the OCMA field this year. Shortly after that event was complete both UCI and ASU went to Wichita, KS for the AIAA DBF competition with entirely different aircraft and flight mission requirements. Both teams did well among the worldwide universities.

August 7, 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, 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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Harbor Soaring Society Membership Application

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

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

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

