



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.

March 2015

HSS IS NOW OVER 50 YEARS OLD!

Volume 52

Plan to help the club with our Imaginology Fair booth at the Orange County Fairgrounds, April 24 - 26. Contact John Anderson.

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Coming Events and Soaring Competitions

March 2015 – May 2015

- Tuesday March 3, 2015. HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. General meeting, 7 PM. See P.13 for details.
- Saturday March 14, 2015. International Drone Day. SEFSD (San Diego). See Page 17.
- Sunday March 22, 2015. Third SC2 competition hosted by SULA at Field of Dreams, San Pedro. See P.11 or www.sulaclub.org.
- Tuesday April 7, 2015. HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. General meeting, 7 PM. See P.13 for details.
- Friday – Sunday April 24-26. Imaginology Fair at Orange County Fair Grounds. See comments on P.4. Volunteers needed. See John Anderson.
- Sunday April 26, 2015. Fourth SC2 competition hosted by SWSA at Azusa/Covina. See P.11 or www.silent-wings.org.
- Tuesday May 5, 2015. HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. General meeting, 7 PM. See P.13 for details.



February 3, 2015 General Meeting Minutes

I. BUSINESS MEETING: Called to order at 7:01 p.m. by President Henry Smith III. Also in attendance were Mike Fox, Vice President and Contest Coordinator; Jim Hanson, Treasurer; Newsletter Editor Fred Hesse; General Director John Anderson; Photographer Rob Askegaard; Ted Broberg, Secretary.

Henry showed a slide show of some fine original models made by Jim Mayfield, a friend of his. This set the tone of the meeting.

Ted mentioned that we have 160 Trifold brochures, and recommends that we have more printed before the IMAGINOLOGY show in April. Henry will take care of this.

II. GENERAL MEETING: In attendance were Jesse and Mary Lou Calleros, Roger Nahas, Bob Voss, Larry Koch, Richard Morley, John Rittenhouse, Frank Colver, David Miller, John Urban, Jim Peterson, David Whittington, Gytis Tamulaitis, Sid Hood, Gary Baldwin, Larry Koch.

A. Before the meeting, new member John Urban donated a MicroSoft Flight Simulator for our training program. Many Thanks!! John Anderson will take charge of it and install it in the DELL PC laptop, to be used in his classroom programs.

B. Henry: Our situation with the city of Costa Mesa is unchanged. While we are still in Limbo, be very friendly and open with anyone who passes by and looks interested. And, say something proactive if you see any fliers doing something out of line or unsafe.

C. The Fairview Park Citizens Advisory Committee has decided to recommend to the City Council that they consider the possibility of putting an athletic field in the area of the model railroad.

— Ross: Has any study showed whether there are any vernal ponds in the railroad area?

John A.: Yes, it shows on the park maps.

D. The Black Starr field has been transferred to the County, and the OCMA club is now flying in a nature preserve. It will still be under the OCMA rules where membership is required.

E. AMA has decided to cooperate with the drone portion of the flying community, so we all should help the drone fliers learn the AMA guidelines.

F. John Anderson discussed the IMAGINOLOGY FAIR planned for April 24-26. We are in process of arranging for an indoor booth, and outdoor flying! We will need to staff the booth for all three days. Contact John Anderson to volunteer.

— Greg Stone of OCMA and John A. will be judges at the Science Olympiad, which is held at the same time as the IMAGINOLOGY show.

— IMAGINOLOGY FAIR: There will be around 18,000 people, mostly kids, attending. We hope to have the UCI Design/Build/Fly team for a day or so.

— Henry: The target young person for this is the 8th grader, so we need to appeal to that age.

— Kids can make small paper planes, and fly them at our area. John A. has a number of ideas.

G. Field and Fairview Park clean-up was planned for the morning of Saturday, February 14. Anyone with a shredder that can chew up tumbleweeds, please bring it. Square shovels and brooms are recommended. Gloves are good, also.

III. CENTRAL TOPIC PRESENTATION: David Miller had prepared a PowerPoint presentation consisting of his ideas for HSS web site improvements, and social outreach programs including Twitter and Facebook. David's profession involves marketing approaches for businesses using sophisticated web sites, and social media applications. With this background he has volunteered to take over the club web site and make at least the following improvements.



February 3, 2015 General Meeting Minutes (Continued)

David first reviewed the pros and cons of the present HSS web site. He suggested a number of improvements. He recommends switching to Wix.com as a provider. It costs about what we presently pay, and it has many advantages. He showed a proposed layout, which can be read on a tablet or cell phone, as well as a computer. He suggests we make use of Facebook.

A question and answer period ensued. There was much interest!

Motion by Mike Fox was made to accept David's suggestions for these improvements in our website. This was seconded by John Anderson. The motion was voted and carried by the attending membership. David will take charge of this, with the understanding that we all should contribute our ideas to be considered for inclusion in the new website.

IV. SHOW AND TELL: Frank Colver brought his "PACKARD-MERCURY" electric powered sailplane. He patterned it after his friend Charles Packard's glider, modified by shortening and shaping a RADIANT wing on a MERCURY pod-and-boom fuselage (by Nitro Planes). It's a pusher, which works well in his place in the desert, where his RADIANT sucked in sand when he landed it. He added flaps that really slow it down, reduced the wing span, and re-shaped the wing tips.

V. RAFFLE DRAWING

WINNER	PRIZE	DONATED BY
JESSE CALLEROS	Sig Kadet SENIORITA kit	Randall Pritchard
JOHN RITTENHOUSE	CESSNA 150 balsa kit	Carrithers family
JOHN ANDERSON	DOUGLAS DAKOTA plastic kit	Carrithers family
JOHN URBAN	Astro-Flight charger: (For NMHD)	Don Ramsay family
LARRY KOCH	11.1 V, 1300 mAh LiPo	Hobby People F V
SID HOOD	7.4 V, 1300 mAh LiPo	Hobby People F V
WILLIAM VINCENT II	Battery alarm	Hobby People F V
ROB ASKEGAARD	Kwik Bond glue	Hobby People F V

Meeting adjourned at 8:02 p.m. Respectfully submitted, Ted Broberg, Secretary

Below left is David Miller lecturing on the web site, and right is Frank Colver and his Pack-Merc glider.



HSS President's Message

1. The club must co-ordinate with the city when performing any maintenance work on the field or doing any good citizen type of cleanup in the park. This is necessary in order to avoid damage to the environmentally sensitive areas in the park. We have now received permission to mow the field and this was done on 23 and 24 January.
2. On 14 February the club will conduct additional cleanup of the field and also the remaining areas on the west side of Fairview Park. Plan on bringing flat shovels, brooms, gloves and ambition. HSS will furnish coffee and donuts to workers. This event will be photographed in order to inform the city about our stewardship of the park.
3. April 24, 25 and 26 is the Imaginology Fair and Youth Science Fair at Orange County Fairgrounds. HSS will have a booth, and flying demonstration area. We will be cooperating with the Orange County Model Engineers on this. More information will be presented at the March meeting.
4. "Drones" or multi-rotor flying machines are becoming very popular with younger people and some other groups like fire fighters and law enforcement. AMA policy is to embrace this group and bring them into the AMA. When we see this type of activity at Fairview, HSS members should be friendly, courteous and helpful. We should encourage these people to get a permit and also to join HSS. Drones are part of the future and we should welcome these modelers to HSS.
5. AMA guidelines require that any pilot flying First Person View "FPV" must have a spotter. This rule applies to airplanes, gliders, helicopters and drones. No exceptions. If you see someone flying FPV without a spotter please volunteer to act as spotter. This a good way to make new friends while improving safety and enjoyment at the same time.

Henry A. Smith III, President, Harbor Soaring Society

HSS Planning for Imaginology Fair

On January 29, 2015, Henry Smith III, John Anderson, Fred Hesse, Jim Hanson, John Rittenhouse, and Ted Broberg of HSS met with Christine Gunst who is event planner for Orange County Fairgrounds. Ted Broberg reports the following.

We had a nice guided tour of the Orange County Fair Grounds with Christine Gunst. She showed us several potential booth sites, and asked that we have a plan to her by Friday, February 6. John Anderson will be our primary contact person, so all ideas should be fed to him. The Hangar looked ideal for indoor 'copters and slow-flying planes, perhaps up to FUN CUB size. Tables and canopies will be available for displays. Perhaps we could share an outdoor area for model planes, "drones," etc. with the model rocket group, by arranging time portions. Likely we would not need to have aviators at such a site for the entire day, but rather announce the place and times from our booth(s). We can fine-tune plans before the April show dates.

Other possibilities: The stage is available; pipe-and-drape partitions can be provided. John A. mentioned that we can purchase AMA DELTA DARTS for \$43 per 35 planes. John A. suggested calling our theme "Aerospace Adventures," and inviting other related groups to participate under our "umbrella." Greg Stone of OCME has offered to take part.

Christine expects a total attendance of around 18,000, or about seven to eight thousand per day.

Following is an E-mail from Christine, dated February 11.

Yea! We are locked in to use a portion of the Hanger bldg. I am looking at a 40' x 40' footprint (I might be able to swing a 40'x50'). That should be enough area to do the glider, etc. activities you discussed, correct? Approximately half of the hanger will be "Wizards Challenge" with young kids doing a variety of activities within the area. There is some concern with you flying planes over their heads and the possibility of a plane crashing down on one of them but I assured them that that would not happen, right? But, would you be able to restrict the flying to the one side of the hanger if asked?

I'm anxious to move forward. I have ordered some pipe and drape for your exhibit space but I will need to confirm what your actual needs will be and edit my order while I still can.



DOT/FAA Announce Proposed Rule for sUAS

Sunday, February 15 – In a telephonic press conference held today, Department of Transportation Secretary Anthony Foxx and FAA Administrator Michael Huerta announced FAA's long-awaited proposed regulation for the operation of commercial small unmanned aircraft in the national airspace.

As stated in the FAA press release, the "proposal offers safety rules for small UAS (under 55 pounds) conducting non-recreational operations. The rule would limit flights to daylight and visual-line-of-sight operations. It also addresses height restrictions, operator certification, optional use of a visual observer, aircraft registration and marking, and operational limits."

"The new rules would not apply to model aircraft. However, model aircraft operators must continue to satisfy all of the criteria specified in Sec. 336 of Public Law 112-95 (Special Rule for Model Aircraft), including the stipulation that they be operated only for hobby or recreational purposes."

"The public will be able to comment on the proposed regulation for 60 days from the date of publication in the Federal Register, which can be found at, www.regulations.gov."

In response to the announcement, the AMA published the following statement...

FAA Notice of Proposed Rule Making for Small Unmanned Aircraft Systems

MUNCIE, Ind. — The Academy of Model Aeronautics (AMA), the world's largest model aviation association, today released the following statement in response to the Notice of Proposed Rulemaking for Small Unmanned Aircraft Systems released by the Federal Aviation Administration (FAA).

"While we have not yet fully reviewed the proposed rule, we are pleased to see the FAA has concluded that regulations relating to the commercial use of small unmanned aircraft systems (sUAS) should not apply to the longstanding, educational hobby of flying model aircraft. These are two very different activities, and Congress appropriately made clear in 2012 that model aircraft should be exempt from federal regulation. The AMA will review the proposed rule in more detail to ensure that the rights and privileges of the model aircraft community are upheld.

"As the nationwide community-based organization for the recreational and personal use of sUAS, the Academy of Model Aeronautics (AMA) has created relevant safety guidelines, best practices and operating principles that have allowed enthusiasts to operate their aircraft and safely use this technology for more than seven decades.

"AMA's 78 years of experience in managing and overseeing the operation of model aircraft shows that a voluntary, community-based approach to managing this activity is far more effective in ensuring enthusiasts operate their aircraft in a safe and responsible manner.

"To this end the AMA has joined with the Association for Unmanned Vehicle Systems International, the Small UAV Coalition and other members of the small UAS and hobby industry in launching the "Know Before You Fly" campaign. This educational outreach has been widely accepted and heralded as a beneficial and effective means of educating the new sUAS enthusiasts and addressing inappropriate or improper use of this technology.

"AMA is committed to preserving the safe, enjoyable and educational hobby of flying model aircraft – without the need for unnecessary, onerous and burdensome government regulations."

Read the following FAA documents released in conjunction with this announcement at www.faa.gov/ .

[FAA sUAS NPRM](#)

[FAA sUAS Proposed Rule Press Release](#)

[Overview of the Small UAS Notice of Proposed Rulemaking](#)

[Unmanned Aircraft Systems Fact Sheet – 2/15/2015](#)



Link to Century of Flight

Jim Sonnenmeier has provided a link (below) to the BBC "The Century of Flight" series made up of 26 parts. Thanks, Jim for sharing.

https://www.youtube.com/playlist?list=PLQpsPb_upFwSdYb4q61RLZQ2fZgDM8j-5

Subject: BBC The Century of Flight - All 26 parts..

BBC EPISODES:

- 1 Man Learns To Fly (1900 - 1914).
- 2 High Above the Trenches (Military Aviation 1914-18).
- 3 Wings Over the Sea (Naval Aviation 1914-18).
- 4 Strike from the Air (Birth of Strategic Bombing 1914-18).
- 5 The Trailblazers (Epic Flights 1919-39).
- 6 The Romance of the Air (Civil Aviation 1919-39).
- 7 The Shadow of the Bomber (Military Aviation 1919-39).
- 8 Struggle for the Skies (Fighters of World War II).
- 9 Airpower and Armies 1939-45.
- 10 Airpower and Navies 1939-45.
- 11 The Bomber as War Winner? (Strategic Bombing 1939-45).
- 12 The Coming of the Jets.
- 13 Cold War Skies.
- 14 The Helicopter Story.
- 15 Korea to the Gulf War (Air Warfare Post 1945).
- 16 Naval Aviation 1945-95.
- 17 Embracing the World (Civil Aviation Post 1945).
- 18 The Spectacle of Flying (Post 1945).
- 19 Law Enforcement from the Air.
- 20 Angels of Mercy.
- 21 Anyone can fly (private flying since 1945).
- 22 To the Furthest --sic.farthest -- Corners of the World (Aircraft and Exploration).
- 23 The Parachute Story.
- 24 To the Moon and Beyond (The History of Space Flight).
- 25 Madcaps and Oddballs (Aviation Ideas that Failed).
- 26 The Future of Flight.

California Bill To Ban Model Aircraft Over Private Property

This is an interesting link to a proposed bill in the California congress that wishes to ban model aircraft from flying over private property. One wonders just what constitutes the need for sensible legislation. This does not seem rational or necessary. Again, thanks to Jim Sonnenmeier for this alert.

<http://www.techenstein.com/california-senator-proposes-bill-to-ban-model-aircraft-over-private-property/>

AMA Clubs Present \$100,000 to Wounded Warrior Project

Through National Model Aviation Day celebrations around the country and the efforts of local modelers at approximately 200 AMA chartered clubs, the Academy of Model Aeronautics raised \$100,000 in support of the Wounded Warrior Project. A large check was presented to Warrior Speak representative Norbie Lara during the AMA Expo held in Ontario, California on January 10. National Model Aviation Day was established to celebrate and promote model aviation. Nearly 200 AMA clubs from across the country hosted events and fundraisers and invited their communities to learn more about the growing hobby.



Model of the Month

This month we are featuring Jerry Smith and his spectacular foam Corsair by FMS. It has a 67" wing span, is powered by a Turnigy 6-110 motor using a 6 cell 5000 mAHr Lipo battery.

Thanks to Rob Askegaard for the great photos. Very realistic.



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.

Flying Field Cleanup

Ted Broberg provided the following report on the field cleanup, held on Saturday February 14.

Friday the 13th was preparation day, with the ride-on mower getting its tires pumped up or patched, and a preliminary cutting of the outlines of the field. Henry, Vince and Vinnie, and Ted got the mower ready for the clean-up "rock party" on Saturday.

Henry Smith III and Vince San Filippo ran the mower over the patches of leafy weeds -- several times, in some places, while over twenty fliers, members and non-members, as well as family members and friends used shovels, hoes, Hula-hoes, and rakes, to scrape off and bag over a dozen large bags full of weeds. Some also swept the loose rocks and pebbles off the runway with push-brooms. In about two hours, the face of the field was changed from an emerging forest to a packed-earth landing field. Meanwhile several of the sailplane contingent entertained the passers-by with astonishing winch launches of their thermal gliders and sensational discus launched gliders.

Coffee and donuts were provided to workers by Henry Smith.

Rob Askegaard has provided the following photos of the cleanup effort. Bottom right is Henry Smith V helping out with the project. Rob estimated over 25 members contributed their effort. Not all are shown. Sorry. - Ed.



Seen Around the Glider Field

Rob Askegaard recently visited the glider end of the field and took some great photos on a beautiful day.

At right are lots of guys and lots of planes. Below left and right is Bruce Schaefer and his 4 meter Xplorer. Bottom left is Erv Szego working the retriever winch, and bottom right is Jim Sonnenmeier doing a launch.

Thanks, Rob. – Ed.



Student Training

Ted Broberg has been working overtime with his training program, as shown in the photos below. Ted also has quite a maintenance program as he describes below. Thanks to Ted for the text and Rob for the photos.

"I just got a call from Rick at Horizon Hobbies, where I sent the SPEKTRUM DX-6 transmitter that "Santa" gave me with the APPRENTICE trainer. It went blooey when a student dropped the DX-7 slave transmitter she was holding. Rick said that event sent a spike which blew out a circuit board, which he replaced. He suggests that I STOP USING A TRAINER CORD with the APPRENTICE, and instead USE THE WIRELESS TRAINER mode that binds the DX-6 to my DX-7 transmitter. The manual for the DX-6 tells how to do it.

"Also, he diagnosed and/or repaired or replaced the several AR-5, 6, or 7 receivers I had sent him -- FREE! -- and will even throw in two BIND buttons for the lost gizmos in two of my DX-7's! Ya gotta luv HORIZON HOBBY! (I explained to him that our Intro program gets a lot of used model and R/C gear from fliers who are "moving on," and that the newbies get exposed to a lot of SPEKTRUM radio gear, which should sell a lot of their equipment.)".



Ted Broberg and Jeff Jacobson



Ted Broberg with student Jethro and brother.



Here Jethro trades hard work for the next flying lesson.



Ted Broberg and Dan Van Dorpe training with the club Radian.



HSS on YouTube

One of our members, Bruce Guberman, walked up with a video camera one day, and asked if he could shoot an impromptu interview. He thought this would be good PR for the Harbor Soaring Society and Fairview Park. He has placed the video on YouTube, and is offering it for our website. This is a great video and features Ted Broberg and a student pilot. The link is shown below.

The student pilot is Jethro Oxford-Pope, son of Catherina and Steve, whom some of you have met at the field or at one or another City meetings.

<http://www.youtube.com/watch?v=LwqKRmRvPI4&list=UUaY3bPauTVz646zkhEStBug>

Thanks to Ted and Bruce for making us famous! It's a very good video. - Ed.

Isaac and Bodie

Ted Broberg, typical of his warm and friendly manner, has provided this brief feature of someone he met at the field.

Pictured at right is Isaac, and his dog, Bodie.

Isaac had an operation for a brain tumor that hit a snag, resulting in a stroke that shut his right eye lid and limited the use of his left leg. He has been a photographer, but now is in school to become a history teacher. Very interesting man. Let's talk with him when we see him.

Thanks, Ted for your interesting lead.

**SC2 Competition Schedule for 2015**

Soaring Clubs of Southern California (SC2) posted the 2015 competition schedule at <http://sc2soaring.com>. All dates are on a Sunday. Be sure to reconfirm the following events at the SC2 web site or the club web sites.

Jan. 25. Hosted by Downey Soar Heads (DSH) at SULA Field of Dreams, San Pedro.. [www.\(TBS\).org](http://www.(TBS).org) .

Feb. 15. Hosted by Silent Wings Soaring Association (SWSA) Azusa/Covina. www.silent-wings.org .

Mar. 22. Hosted: Soaring Union of Los Angeles (SULA) at Field of Dreams, San Pedro. www.sulaclub.org

April 26. Hosted by Silent Wings Soaring Association (SWSA) Azusa/Covina. www.silent-wings.org .

May 17. Hosted by Victor Valley RC Flyers (VVRFCF). Victor Valley RC Park, Hesperia. www.vvrccf.org .

June 28. Hosted by Harbor Soaring Society (HSS), Fairview Park, Costa Mesa. www.1hss.org .

July 19. Hosted by Inland Soaring Society (ISS), Riverside. www.glideiss.us .

Aug. 23. Hosted by Thousand Oaks Soaring Society (TOSS), Thousand Oaks. www.toss.freesevers.com

Sept. 20. Hosted: Soaring Union of Los Angeles (SULA) at Field of Dreams, San Pedro. www.sulaclub.org

Oct. 18. Hosted by Torrey Pines Gulls (TPG), Glider field at Encinitas. www.torreypinesgulls.org .

Nov. 15. Rain date,

Dec. 13. Special Toys For Tots competition at SULA, San Pedro. www.sulaclub.org .



SC-2 Competition Results For January 2015

Southern California Soaring Clubs (SC-2) has revised their web site into a flashy new presentation with lots of pictures, and of course, the competition results for the first event of 2015 held on Sunday January 25. This event was hosted by the Downey Soar Heads at the SULA field in San Pedro. 55 participants flew. Results are shown below.

SC-2 Contest #1 Field of Dreams January 25, 2015				Hosted By DSH Larry Jolly, Contest Director Tuan Le, Scorekeeper										Contest Entries 55			
Precision Duration Format				Round 1, 5 mins.			Round 2, 7 mins.			Round 3, 9 mins.			Round 4, 11 mins.			SCORES	
Place	Pilot	Club	Class	T1	L1	S1	T2	L2	S2	T3	L3	S3	T4	L4	S4	Total	Norm
1	Jolly, Larry	DSH	E	5.00	45	995.0	6.59	35	982.7	8.57	45	989.7	11.01	48	996.6	3964.0	1000.0
2	Vera, Edgar	SWSA	RES	4.56	39	976.3	6.59	46	993.7	8.57	45	989.7	10.59	49	997.6	3957.4	998.3
3	Garland, Steven	ISS	E	4.58	31	974.7	7.02	43	988.5	9.01	41	989.2	11.01	49	997.6	3949.9	996.4
4	Le, Tuan	DSH	E	4.58	28	971.7	6.59	44	991.7	9.03	44	988.7	11.01	40	988.6	3940.7	994.1
5	Reagan, Mike	TOSS	E	5.01	47	993.8	7.01	45	992.7	9.01	40	988.2	11.01	8	956.6	3931.4	991.8
6	Lueken, James	TOSS	E	4.59	32	978.8	6.58	42	987.5	8.57	34	978.7	11.01	34	982.6	3927.6	990.8
7	Cavazos, Robert	ISS	RES	5.00	35	985.0	6.57	26	969.2	8.59	38	986.2	11.00	33	983.0	3923.5	989.8
8	Lee, Mike	ISS	E	4.59	39	985.8	6.58	32	977.5	8.58	43	989.5	11.01	18	966.6	3919.4	988.7
9	Day, Warren	0	Int.	5.01	25	971.8	7.02	35	980.5	8.52	38	973.9	10.59	44	992.6	3918.8	988.6
10	Borer, Dan	SWSA	E	5.00	42	992.0	6.58	23	968.5	9.00	49	999.0	10.56	0	944.2	3903.7	984.8
11	Brooks, Tony	SWSA	RES	5.01	9	955.8	7.01	35	982.7	8.54	32	971.4	10.56	44	988.2	3898.3	983.4
12	Szego, Erv	HSS	Int.	5.05	0	934.2	6.56	24	965.0	9.00	25	975.0	10.55	40	982.8	3856.9	973.0
13	Throop, Terry	TPG	ALES	5.00	36	986.0	7.02	0	945.5	9.04	0	943.0	11.02	19	966.1	3840.6	968.9
14	Cavazos, Kerry	ISS	Int.	4.59	0	946.8	6.59	5	952.7	9.01	15	963.2	10.57	11	956.7	3819.5	963.5
15	Brandt, Dennis	DSH	E	4.50	0	918.3	6.57	0	943.2	8.59	17	965.2	10.56	27	971.2	3798.0	958.1
16	Jolly, Larry	DSH	ALES	5.00	45	995.0	7.02	47	992.5	8.59	35	983.2	9.24	0	811.8	3782.5	954.2
17	Filice, Gary	TOSS	E	5.01	41	987.8	6.58	42	987.5	9.00	48	998.0	8.57	13	786.0	3759.3	948.3
18	Cavazos, Robert	ISS	E	5.00	46	996.0	7.00	35	985.0	8.59	48	996.2	8.41	19	768.9	3746.2	945.0
19	Khani, Ali	SULA	E	4.58	41	984.7	6.58	50	995.5	9.00	40	990.0	6.51	0	591.6	3561.7	898.5
20	Thonet, Andy	SWSA	E	4.58	0	943.7	7.01	36	983.7	9.00	44	994.0	7.06	21	634.2	3555.6	897.0
21	Vera, Edgar	SWSA	E	5.00	48	998.0	6.56	46	987.0	8.57	40	984.7	6.46	0	584.4	3554.1	896.6
22	Clark, Dean	TOSS	E	5.02	50	993.7	7.06	38	974.4	5.36	9	600.1	11.03	27	972.7	3540.9	893.3
23	Brandt, Dennis	DSH	ALES	4.57	36	976.5	6.56	25	966.0	8.59	24	972.2	6.11	38	572.0	3486.7	879.6
24	Espolt, Ronnie	VVRC	RES	4.48	36	948.0	7.07	0	934.2	6.09	0	649.2	11.08	0	938.5	3469.8	875.3
25	Brooks, Tony	SWSA	E	4.59	49	995.8	7.02	34	979.5	4.59	0	526.0	10.59	0	948.6	3449.9	870.3
26	Malvey, Bill	TPG	E	3.55	42	786.2	6.00	0	814.3	9.01	41	989.2	9.05	37	821.5	3411.2	860.5
27	Sneed, Jim	DSH	ALES	4.59	0	946.8	5.59	21	833.0	6.02	0	636.9	10.56	16	960.2	3377.0	851.9
28	Watson, Tom	TPG	E	5.00	21	971.0	6.56	6	947.0	9.02	48	994.5	4.30	46	434.6	3347.1	844.4
29	Thonet, Andy	SWSA	RES	4.56	0	937.3	3.11	0	432.0	8.58	32	978.5	10.57	43	988.7	3336.5	841.7
30	Trivitt, Tom	ISS	Int.	5.00	0	950.0	7.01	0	947.7	8.58	35	981.5	4.53	0	421.7	3301.0	832.7
31	Reagan, Mike	TOSS	RES	4.59	36	982.8	7.00	25	975.0	8.58	49	995.5	3.15	36	316.7	3270.0	824.9
32	Ward, Les	ISS	Int.	4.48	0	912.0	6.57	0	943.2	8.59	34	982.2	5.00	0	431.8	3269.3	824.7
33	Schwemmer, Rick	ISR	S	2.21	0	446.5	6.56	44	985.0	8.47	36	963.1	9.15	34	832.9	3227.4	814.2
34	Anderson, Major	SWSA	E	4.56	0	937.3	6.55	30	968.7	3.37	0	381.8	10.52	0	938.5	3226.3	813.9
35	Throop, Terry	SULA	E	4.59	41	987.8	7.00	38	988.0	9.03	2	946.7	3.30	0	302.3	3224.8	813.5
36	Meile, Steve	TOSS	S	5.01	43	989.8	7.06	0	936.4	9.03	0	944.7	3.52	10	343.9	3214.9	811.0
37	Hallford, Phillip	SWSA	E	4.57	30	970.5	7.04	4	945.0	8.58	27	973.5	3.01	27	287.5	3176.5	801.3
38	Chipman, Jeff	SWSA	Int.	4.24	0	836.0	6.43	0	911.5	7.49	0	825.1	6.33	0	565.7	3138.3	791.7
39	Fink, Dan	DSH	E	4.57	0	940.5	3.25	0	463.7	6.55	29	759.1	11.01	9	957.6	3120.8	787.3
40	Filice, Gary	TOSS	RES	4.58	41	984.7	6.57	40	983.2	3.41	0	388.8	6.53	44	638.5	2995.1	755.6
41	Schaefer, Bruce	HSS	S	3.20	40	673.3	7.03	30	973.2	3.57	41	457.9	8.56	0	771.5	2876.0	725.5
42	Meitzner, Robert	DSH	S	3.51	0	731.5	5.15	0	712.5	6.30	0	686.1	8.31	5	740.5	2870.6	724.2
43	Bacani, Alvin	ISS	S	5.06	0	931.0	6.58	0	945.5	3.06	4	331.2	5.44	0	495.2	2702.8	681.8
44	Morjoseph, Mike	SWSA	E	5.01	20	966.8	7.03	14	957.2	6.40	3	706.7	0.00	0	0.0	2630.8	663.7
45	Kratz, Steven	SCSR	ALES	2.51	0	541.5	3.32	0	479.5	8.53	17	954.7	6.11	0	534.0	2509.7	633.1
46	Dona, Alberto	HSS	Int.	4.52	4	928.7	4.33	32	649.5	5.09	0	543.6	0.00	0	0.0	2121.8	535.3
47	Khani, Ali	SULA	ALES	4.59	10	956.8	6.58	0	945.5	0.00	0	0.0	0.00	0	0.0	1902.3	479.9
48	Campbell, Frank	SWSA	ALES	5.08	11	935.7	7.01	0	947.7	0.00	0	0.0	0.00	0	0.0	1883.4	475.1
49	Townsend, Craig	HSS	Int.	4.56	13	950.3	6.50	0	927.4	0.00	0	0.0	0.00	0	0.0	1877.7	473.7
50	Stewart, Ed	ISS	E	3.53	22	759.8	7.05	37	975.7	0.00	0	0.0	0.00	0	0.0	1735.5	437.8
51	Dora, John	ISS	E	4.58	0	943.7	4.40	32	665.3	0.00	0	0.0	0.00	0	0.0	1609.0	405.9
52	Campbell, Frank	SWSA	Int.	5.07	14	941.8	0.00	0	0.0	0.00	0	0.0	0.00	0	0.0	941.8	237.6
53	Whittington, Sylvestr	HSS	Woody	2.10	0	411.7	0.00	0	0.0	0.00	0	0.0	0.00	0	0.0	411.7	103.9
54	Thomas, Ross	HSS	Woody	0.00	0	0.0	0.00	0	0.0	0.00	0	0.0	0.00	0	0.0	0.0	0.0
55	Malvey, Bill	TPG	ALES	0.00	0	0.0	0.00	0	0.0	0.00	0	0.0	0.00	0	0.0	0.0	0.0

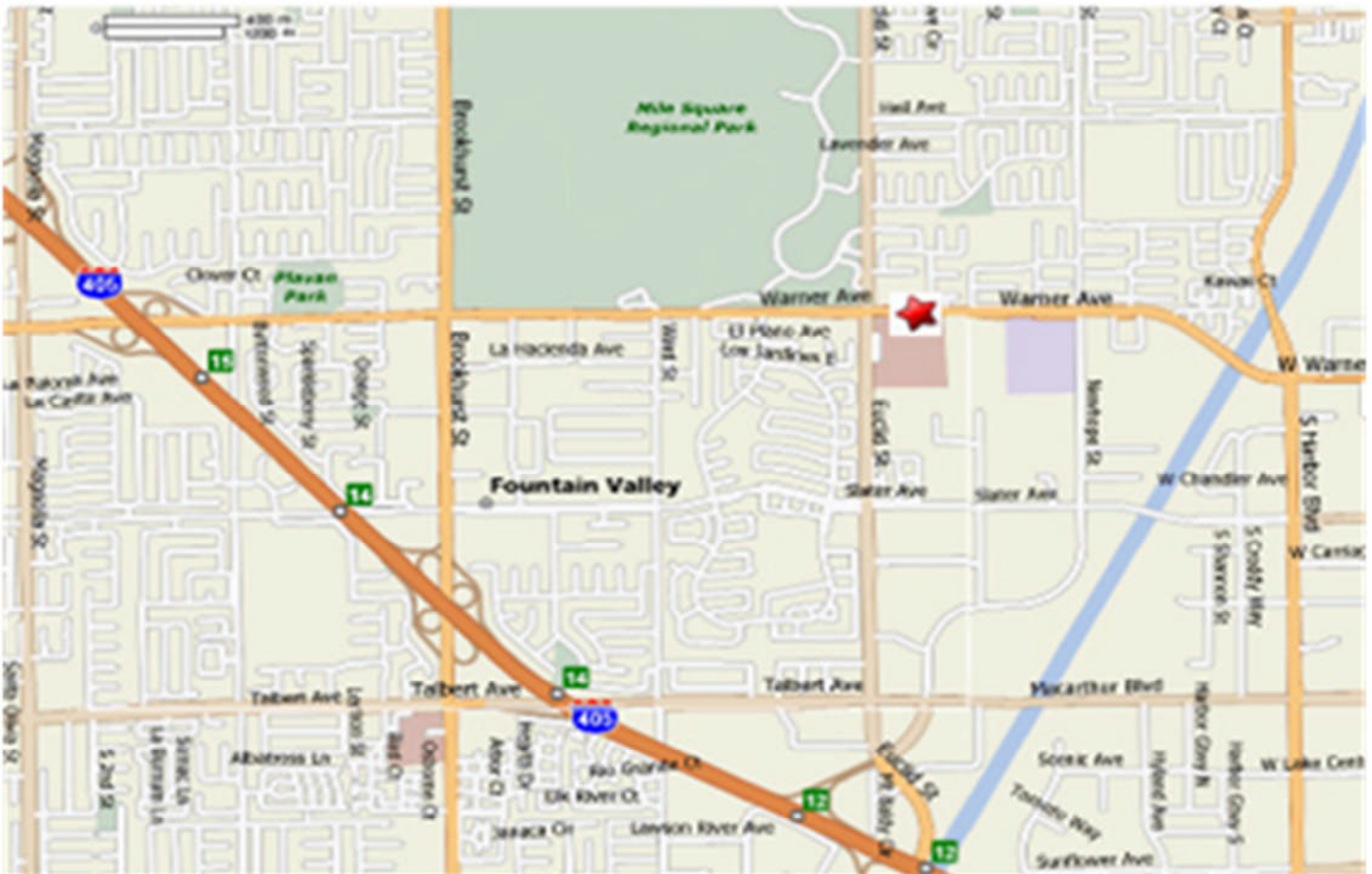


HSS Membership

Our 2015 HSS membership enrollment season is in full swing. Note that the new membership rate of \$25 per year is now in effect. A membership application is included in the last pages of this newsletter. These can be mailed in 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.1hss.org. Note that both HSS and AMA memberships initiated between November 1st and December 31st are good for the last two months of 2014 and all of 2015. 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.

General Meeting Announcement For March 3, 2015

Our monthly general meeting is held on each first Tuesday of the month, this time it is March 3, at Round Table Pizza, 11095 Warner Ave. & Euclid (North-east corner) in Fountain Valley. Phone number is (714) 839-0276. The Family Night rate is all-you can-eat pizza, plus one salad bar, for \$6.99. Fountain drinks are an additional \$1.99, self-service, or \$2.99 per liter. Beer and wine are available. David Miller will make a presentation on his ideas for the web site and social media participation. Time will be allowed for show-and-tell of your favorite plane. Bring your wife, family, and friends. There will be a raffle, with items listed on the following page. The location is shown below.



Raffle Prizes for March 3rd Meeting

Ted Broberg has some great raffle prizes for the March 3rd meeting. Join us as raffle tickets are free, just for attending.



Plastic Cessna 180 kit



61" Slowpoke kit



Small tool kit (missing dikes)



Covering iron



Seen Around the Field

We start at right with Gary Gullickson's beautiful scratch built Gee Bee Model E Sportster (?).

Below left, Yuriy Lieb holds his larger T-28 manufactured by FMS.

Below right shows John Bollinger (L) with his 51" span "AJ Slick", and Rodney Arevelos with his P-51.

Bottom left is Gary Gullickson's Boeing P-26 "Pea Shooter", and bottom right shows Bob Goff's custom designed "Blue Lightning Bolt".

Thanks Rob. - Ed.



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.

Soon, we will be updating the photos on our web site with those by Rob and also those provided by Ted Broberg who recently acquired an excellent camera. Anyone that wishes a high quality print, or the digital file of their favorite plane should contact Rob, Ted, or your editor. Phone and E-mail are shown on the last page of this newsletter. Web site photos have been compressed to shorten download time, and newsletter photos are cropped, so when you obtain any image, it will be the original full resolution quality.

2014 City Flying Permits Available Now

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

WALK-IN Costa Mesa City Hall (77 Fair Drive, Costa Mesa 92626), 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 homeowner's/personal liability insurance policy (specifically covering model airplane/aircraft flying with a minimum limit of \$500,000).
- Renewal Fee (\$25); payment by Check (payable to City of Costa Mesa) or charge to Credit Card (filled out and signed).

Note: Current permit holders with email addresses on file with the City will receive renewal packet information 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.

AMA Responds to Multirotor Demonstration on Fox & Friends

On February 4th, during a segment on "Fox and Friends" a quad-copter being flown by an editor from Popular Science magazine was seen flying, uncontrolled, into the morning show's production crew. AMA believes the demonstration was conducted in an unsafe and irresponsible manner and has sent letters to Fox News Senior Vice President Michael Clemente, and Cliff Ransom, Editor in Chief at Popular Science, expressing its concern. The video clip and AMA letters may be found at <http://www.foxnews.com> or www.modelaircraft.org.



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nitroblast@hotmail.com



Plane Rap Classified Ads and Services - For Sale

High Quality Outrunner Motor For Sale: Kontronik 30-40 Outrunner Motor, KV = 400, 5 to 8 Li Po cells, Max 55 amps, Around 1000 watts. Shaft dia 6 mm. KV is too high for the types of airplanes I fly. Motor has built in cooling fan and should be ideal for helicopter. \$100.00.

Henry Smith - hsmith@ccsiglobal.com

For Sale: A pristine fully Composite Hobie Hawk RTF less rx. Frank Gagliardi. San Diego. 858-271-4430

Retired Modeller (Dean Daily) Selling His Equipment

Photos of RC items for sale: <http://www.rcmarks.org/img/PhotoGallery/2014/Mar/DeanDaily/>

List of items: <http://www.rcmarks.org/img/PhotoGallery/2014/Mar/DeanDaily/itemlist.html>

If you are interested in any of these please send Sanford Bennett an e-mail (s.a.bennett@netzero.net) or give him a call ([909-246-1167](tel:909-246-1167)).

Custom Laser Cutting

Services are now provided by GDH Planes, in addition to manufacturing kits. With the currently weak Canadian dollar (we are a Canadian company), it is a great time to use our services and take advantage of the exchange rates, adding to our already reasonable rates (US\$1 is currently equal to about \$1.157 Canadian). Should any of your members require this service, please have them visit our web site at www.gdhplanes.com or email us at LaserCutting@gdhconsulting.ca.

Regards, Glen Harbottle President GDH Consulting Corp. Tel: 905-668-2326 glenh@gdhconsulting.ca

HSS Sponsors

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

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March 2015

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March Club Newsletter Ad from Hobby People.

HARBOR SOARING SOCIETY MEMBERSHIP APPLICATION FOR 2015

**P.O. Box 1673
Costa Mesa, CA 92626
AMA Chartered Club # 128**

AMA's Oldest Chartered Soaring Club Gold Leader Club, 2012; Silver Leader Club Since 2009

I understand that by applying for membership in the Harbor Soaring Society, I must be a current member of the AMA.
Please Print

NAME _____ **Home Ph.#** _____

ADDRESS _____ **Work Ph. #** _____

CITY _____ **STATE** _____ **Zip** _____ **E-MAIL** _____

AMA # _____ **(PROOF OF STATUS REQUIRED, Xerox copy OK)**

DATE OF BIRTH _____ **Frequency channels used** ____/____/____/____

- ☐ **NEW APPLICANTS (Without Name Tag)--(17 years and older) = \$25.00**
- ☐ **SENIOR MEMBER (Renewal W/O Name Tag)(17 years and older) = \$25.00**
- ☐ **JUNIOR MEMBER -----(16 years and under), = \$10.00**
- ☐ **Optional or Extra HSS Name tag----- = \$15.00; including mailing**
- ☐ **I hereby give my permission to publish my [NAME], [ADDRESS], [PHONE], [E-MAIL ADDRESS] in the monthly newsletter. (Strike out any element of personal information that should not be published). Note that newsletter is published on club web site.**
- ☐ **I request E-mail delivery of the monthly newsletter. (Include E-mail address above.)**
- ☐ **I request printed copy of the monthly newsletter by U.S. Mail. Printing and mailing = \$20/year.**

My interests in radio control flying include (Check all that apply. Identify future interests with letter F):

Thermal Duration Gliders _____	Slope Soaring Gliders _____	RES Gliders _____
Large Scale Gliders _____	Hand Launched Gliders _____	Electric Motor Gliders _____
Park Flyer Electric Planes _____	Acrobatic Electric Planes _____	Scale Electric Planes _____
Electric Pylon Racing _____	Indoor Electric Planes _____	Electric Helicopters _____

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 from November 1st through the following year. Applications for senior membership between July 1st and October 31st pay a reduced rate of \$10 (Name Tag extra). A signature is required from all Harbor Soaring Society members, and applicants, agree to comply with the current AMA Safety Code and the current HSS General Field rules and Field Safety Rules. Note that a City of Costa Mesa permit is required to fly at Fairview Park. Obtain this from the Costa Mesa Parks and Recreation Department. Cost is \$25.

The undersigned attests that: I will operate my model using only radio control frequencies currently allowed by the FCC. Further, any transmitter that I use at any designated HSS flying field must be manufactured to meet the AMA/FCC specifications for model aviation. I understand that my failure to comply with the above restrictions will result in nullification of liability coverage for damages caused or claimed.

SIGNATURE: _____ **DATE** _____

Total dues owed and attached: \$ _____

SIGNATURE OF CLUB OFFICER RECEIVING APPLICATION _____

Rev: 24 Nov 2014



HARBOR SOARING SOCIETY OFFICERS FOR 2015

President	Henry Smith III	714-322-6537	henry.smith.3@earthlink.net
Vice President	Mike Fox	714-421-1556	brittanie1@verizon.net
Treasurer	Jim Hanson	949-294-8365	tog4rc@pacbell.net
Secretary	Ted Broberg	714-235-6430	tbroberg@earthlink.net
General Director	John Anderson	949-723-1556	johnnhanderson36@gmail.com
Contest Coordinator	Mike Fox	714-421-1556	brittanie1@verizon.net
Safety Officer	Bruce Schaefer	714-814-6412	metaterra@msn.com
Alternate Safety Officer	Dave Whittington	949-872-0182	pincus4iondave@yahoo.com
Editor	Fred Hesse	714-963-5838	fhesse@socal.rr.com
Publisher	Mike Gaczowski	949-582-9390	mgaczowski@cox.net
Club Photographer	Rob Askegaard	714-968-1973	rmaskegrd@gmail.com
Web Site Administrator	David Miller	949-351-7047	davidjmiller947@gmail.com
Lead Flight Instructor	Ted Broberg	714-235-6430	tbroberg@earthlink.net

See our web site at www.1hss.org, our photo site at <http://picasaweb.google.com/rc.goat> ,
and our YouTube site at <http://www.youtube.com/user/hssletsfly> .

NEXT CLUB MEETING WILL BE:

**TUESDAY MARCH 3, 2015, AT ROUND TABLE PIZZA, 11095 WARNER AVE.
HUNTINGTON BEACH, GENERAL MEETING 7-9 PM.**

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

