



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.

October 2015

HSS IS NOW OVER 50 YEARS OLD!

Volume 52

2016 HSS club officers to be nominated at October 6 meeting.
Officer election to be held at November 3 general meeting.
Officer installation to be at annual Christmas party in December.

Plane Rap Index

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Coming Events and Soaring Competitions

October – December 2015

- Tuesday October 6, 2015. HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. General meeting, 7 PM. See P.15 for details.
- Saturday and Sunday October 17-18, 2015. Costa Mesa Scarecrow Pumpkin Festival at Fairview Park. See details on page 6.
- Sunday October 18, 2015. Tenth SC2 competition hosted by TPG. Held at their glider field in Encinitas. See P.13 or www.torreypinesgulls.org.
- Friday – Sunday Oct. 23-25. 6th Annual Big Jolt Electric Fly-In at Prado Airpark, Chino. See page 12 for information.
- Tuesday November 3, 2015. HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. General meeting, 7 PM. See P.15 for details.
- December XX, 2015. Annual Christmas Party and 2016 officer installation. TBD.
- Sunday December 13, 2015. SC2 Special Toys For Tots Competition hosted by SULA. Held at Field of Dreams, San Pedro. See P. 13.



Emergency Appeal

Ted Broberg has been our most exemplary secretary since 2009, and has provided the most detailed club history possible, especially since Ted has had a hearing problem all that time. Unfortunately, Ted has revealed that his hearing has deteriorated significantly, and he can no longer capture the meeting content that we have so greatly appreciated. Therefore, he is now resigning from the position of secretary.

Consequently, we need someone to assume this position now. The tasks as defined in the club Bylaws involve the following. The Secretary shall:

Under the direction of the President, perform such duties as are usually performed by secretaries of similar organizations, which shall include:

- a. Keep or cause to be kept, a book of minutes of all regular and special meetings of the Society.
- b. Share these minutes with the newsletter editor so all members may be apprized of club activities.
- c. Maintain the records of the society, which includes all published newsletters, newspaper articles, communications with the City of Costa Mesa, and other club documents. These are maintained in a set of eighteen three-ring binders which contain hard copies of as much club history as has been recovered, from the Society's founding in 1964 to present.
- d. Prepare announcements and postings on the field bulletin board, maintain the field map.
- e. The secretary is a member of the Executive Board, and the Steering Committee, and thus contributes to the direction and planning of the Society.

David Miller has volunteered to cover some of the needs, but David who is our Social Media Manager responsible for our web site, is already well invested in his time to the club.

We urgently need a club member to volunteer for this position. Please contact our President, Henry Smith III, as soon as possible if you are willing to take this position.

September 1, 2015 General Meeting Minutes

— Called to order at 7:08 P.M. by Secretary Ted Broberg. Also in attendance were General Director John Anderson; Club photographer Rob Askegaard; John Rittenhouse, Charles and Ralph Siegfried, Bob Voss, Dick Baxter, GUESTS ALAN AND MICHELE DOW AND SONS PATRICK, KEVIN, AND NATHAN; Greg Stone, Bill Sharkey, Sid Hood, Wade Rathbun, Ross and Maxine Thomas, William Vincent II, Jesse and Mary Lou Calleros, Larry Koch, David Miller, and new member Brad von Grote,

I. NEW BUSINESS:**A. John Anderson:**

1. Safety equipment at the field: Where is it?
 — In the power supply cabinet, there is a first aid kit and a fire extinguisher. Ten members who are often there have keys. Suggestion: many clubs require each flier to bring an extinguisher.
 — In the old kiosk/signboard by the parking lot, there is a fire extinguisher and two flat shovels. COMBINATION IS 001, and it must be set "OFF COMBINATION" when locked.
 — There are shovels and another extinguisher in the big container.
2. Sun shades: Wade Rathbun will look in to getting a team to provide something.
 — Jesse reminds us that the City must be contacted before doing anything.
- Canopies: Greg Stone: At Black Star, we bolt sun-shades to the tables and leave them.
3. John showed a NEWCOMERS' GUIDE for us to use. David M. will see if it can be added to our website, as it comes from AMA. He gave Ted several to use with beginning fliers. He also gave him several Guillows balsa gliders to hand to younger visitors.
4. He donated tickets to the Discovery Cube. Added to Raffle prizes for tonight.
5. William wants information on aero-towing banners.
6. John A. had us start around the room, giving our names and a bit of info about ourselves and our experiences in modeling. (See the roster at the top of the page.)



September 1, 2015 General Meeting Minutes (Continued)

II. OLD BUSINESS:

- A. David M: Heart for Costa Mesa: Erin has given us a great review in her website, iHEART COSTA MESA. See our website. Look for new information and postings, pictures.
- B. We need more members to step up and take positions of service.
- C. Keep an eye on our **1hss.org** website. David's always adding something.

III. PROGRAM:

Nelson Kays and Shadi Makarem from Cal State Fullerton told about their contest planes.

Titan UAV is a student design team at California State University Fullerton. We had the opportunity to compete in two student competitions this year, including SAE Aero Design West in Van Nuys California and SUAS (Students Unmanned Aerial Systems) competing in Maryland. We had two entries in SAE including both regular and advanced class.

Regular class was tasked with designing a plane with a total sum of dimension within 175 inches, and powered by an electric motor drawing no more than 1000 watts. The flight score was based on how much weight it could carry while still being able to take off and land safely. Regular class resulted in a 6th place over all out of 38 international teams with 3rd place in oral presentation.

Advanced class was required to build a plane between 7 and 12 lbs empty weight, and powered by an internal combustion engine of no larger than .46 cubic inches displacement. The advanced class flight score was based on static payload up to 15 lb and an additional 3lb droppable sand bag that would be dropped on a target from 100 ft above ground level aimed by a secondary pilot looking through an fpv camera. Advanced class resulted in an 11th place ranking over all out of 16 international teams

SUAS was an extracurricular competition which some of the team from regular and some from advanced sub teams worked with computer science and computer engineering classmates to turn one of our planes into an autonomous aerial system that would take off, fly a search pattern over an area simulating a search and rescue task, would identify and locate the gps coordinates of targets hidden in the field and land autonomously. There were a number of additional tasks including actionable intelligence (reviewing search data while plane is still in flight), adlc (autonomous detection, location and classification) , interoperability, sense detect and avoidance of virtual obstacles as well as other tasks.

We resulted 11th place overall out of 39 international teams with a 5th place flight score.

This coming year our leader for next year's team will be Shadi who is leading a team of 7 to enter in SAE Aero Design West advanced class, to compete in Houston Texas next April.

IV. SHOW AND TELL:

Jesse showed his new micro VAPOR FPV with headset.

V. RAFFLE:

WINNER	PRIZE	DONOR
1. LARRY KOCH	Two servos	HOBBY PEOPLE F.V.
2. BILL SHARKEY	Foam Safe Glue	HOBBY PEOPLE F.V.
3. FULLERTON TEAM	WING BUILDING JIG	ANON.
4 .SHADI JAKAREM	"REAL THING" w/motor	TOM BOYD
5. ALAN DOW	PROCTOR MICRO ANTIC	RANDY WILBUR
6. DAVID MILLER	MULTI-METER	TED BROBERG
7.MICHELE & PATRICK DOW, JESSE	TICKETS TO "CUBE"	JOHN ANDERSON

— Meeting adjourned at 8:40 p.m.

— Respectfully submitted, Ted Broberg, Secretary



New Fairview Park Action Group

Earlier this year, a new group was formed to help preserve Fairview Park. This group is the Fairview Park Preservation Alliance, and has submitted a petition to the City of Costa Mesa in hopes of placing it on the November 2016 ballot. Below is an article by Bradley Zint of the Daily Pilot - September 22, 2015. It is taken from <http://www.dailypilot.com/news/tn-dpt-me-0923-fairview-park-petition-20150922,0,3484943.story>.

For additional information, go to the Bubbling Caldron web site at <http://abubblingcauldron.blogspot.com/2015/09/group-launches-initiative-to-protect.html>.

A Costa Mesa activist group that seeks to maintain Fairview Park as open space has submitted a petition that would have voters approving or denying future changes within the park, including new amenities.

The Fairview Park Preservation Alliance's petition — filed Friday with the city clerk's office — contends that the 208-acre park must be protected "from alterations that reduce the tangible and intangible benefits to the public while visiting and exploring this natural, open space."

It argues that Fairview Park is meant for passive uses — such as hiking or flying kites — and not for organized sports that would require constructing new facilities.

Guided by that philosophy, the proposal would require that a majority of voters have final approval for changes to Fairview, provided that what's being considered isn't already listed in the park's November 2008 master plan.

What triggers a vote of the people, according to the petition, is "any change, expansion or intensification of uses, structures, amenities or park hours."

Changes precluded from voter approval include restoration, preservation or maintenance efforts.

Larry Courter, spokesman for the Preservation Alliance, said his group's proposal would ensure that development within Fairview doesn't come heedlessly.

"If you're going to make dramatic changes that involve construction, don't do it on a casual basis and change things," he said.

To qualify for consideration on Costa Mesa's general election ballot in November 2016, the petition needs about 5,000 verified voter signatures.

The group is waiting for the city attorney's office to provide its summary before members can begin gathering signatures.

The Fairview Park Preservation Alliance, a political action committee, was formed earlier this year. Among its largest contributors are former Councilman Jay Humphrey and Brian Burnett of Friends of Fairview Nature Park, which, like the Alliance, opposes development in the park. Richard Mehren, who headed a city-sponsored Fairview Park advisory committee, is a contributor to the group.

For those who thought the decomposed granite path fracas had disappeared into oblivion, here is a short comment from the Bubbling Cauldron web site, maintained by Geoff West (copied without permission)..

THE INFAMOUS "DG TRAIL"

The destruction of the vernal pools by replacing a user-defined trail by overlaying a decomposed granite road is another perfect example of this kind of ill-regard protected habitat is held in the eyes of some in power. That intentional, misguided effort has resulted in nearly \$20,000 in remediation and the ill-will of the United States Fish and Wildlife Department. That debacle is not yet over - we're still waiting for the other shoe to drop - which could mean the removal of The City's stewardship of Fairview Park and sanctions imposed on individuals involved.

Your editor wishes to thank Jim Sonnenmeier for alerting us to these recent activities.



California Legislature Bill S 142

Gov. Jerry Brown on Wednesday (Sept 12) vetoed legislation that would have prohibited flying a drone less than 350 feet above private property without the property owner's permission, saying he worried about exposing drone users to litigation.

"Drone technology certainly raises novel issues that merit careful examination," Brown said in a veto message. "This bill, however, while well-intentioned, could expose the occasional hobbyist and the FAA-approved commercial user alike to burdensome litigation and new causes of action."

He added, "Before we go down that path, let's look at this more carefully."

Senate Bill 142, by Sen. Hannah-Beth Jackson, D-Santa Barbara, would have made flying a low-level drone over private property without permission or legal authority an act of trespass.

The bill's proponents said it would protect privacy, while opponents said it would significantly restrict the ability to use drones.

HSS Membership

Our 2015 HSS membership enrollment season is coming to a close. 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 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. Note that both HSS and AMA memberships initiated between November 1st and December 31st are good for the last two months of 2015 and all of 2016. 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 17 of this newsletter.

Our Young Rising Star

Some months ago, Ted Broberg, our senior flight instructor began teaching model aviation to Patrick Dow, a 12 year old super enthusiast. He now can solo everything Ted has plus Patrick's big twin motor Mosquito. Ted sent these photos of Patrick with the Phoenix II powered glider that Art Tinsley gave him, shown below left. And below right is Wade Rathbun, offering Patrick a small electric powered plane. Patrick has returned the great club friendship by participating in the Flying Day for clients of Fairview Developmental Center.



Student Training

Ted Broberg, our master flight instructor, sent the following note.

“Alejandro’s family came for the second flying lesson. Alex and Carolyn flew the APPRENTICE. Darlene’s not ready yet.”

Sorry, but Ted did not identify everyone in the photo.

Photo by Ron Bolsumbut.

Thanks, Ron. - Ed.

Below left and right is Ted with Alexis (last name not included). Ted is patient, in spite of the mob that follows him.

These two photos courtesy of Rob Askegaard. Thanks, Rob.

Again, Thanks Ted for your great efforts.
- Ed.



Scarecrow Pumpkin Festival

The Annual Costa Mesa Scarecrow Pumpkin Festival will occur on Saturday and Sunday October 17-18 at the Orange County Model Engineers facility. HSS will contribute a scarecrow, and hopefully will have a small booth or display. Last year we won first place with our glider launching scarecrow. This year we need some imaginative members to work on our entry which will likely involve an astronaut and a quad copter, and man the booth. Contact Henry Smith or John Anderson if you can help with the scarecrow, or manage the booth.

Plans are for serving tacos, hot dogs, and hamburgers.



DLG Enthusiasts

Discus Launched Gliders, known as DLG; is becoming more popular with modelers at Fairview Park. As you have probably witnessed, this is a developed form of what used to be called hand launched gliders. In the old days these were solid balsa models with a 14 to 20 inch wing span, no control surfaces, and one would toss them into the air like a javelin. The significant improvements include the addition of radio control, a 60 inch wing span, ultra-light construction of epoxy and carbon fiber, and a novel form of launching by holding the glider by a small pin in the wing tip and throwing the glider like a discus.

This type of model flying has developed into an art form in which the aircraft is extremely high performance, sensitive to the very lightest of thermal activity, at altitudes where most other gliders give up trying to stay aloft. The successful pilot develops a great awareness of wind currents and the intricacies of incipient thermals.

Below are a part of nearly a dozen DLG enthusiasts that fly regularly at Fairview. From left to right are Bob Sliff, Richard Odle, Nguyen Nguyen, Tom Vincent, and Doron Ben-Yehezkel.

While contrary to popular opinion, your editor feels it would be appropriate for the club to sponsor a DLG competition. It need not be like the massively popular annual International Hand Launched Glider competition held in San Diego and sponsored by the Torrey Pine Gulls, but a local event might attract attention to the club.



Model of the Month

Our club photographer, Rob Askegaard, has provided some beautiful photos of Jeff Denham's Sopwith Pup. Jeff is shown at right, and some very realistic photos going and coming in the air, below left and right, and on the ground, bottom.

Thanks, Rob. - Ed.



Another Model of the Month

Our President, Henry Smith III, recently finished a 72 inch wingspan version of the "Big Lazy Bee" by Clancy Aviation. It weighs 8 pounds, and has a Kontronik motor with built-in cooling fan blades. Henry has provided the following test flight report.

"We tried this thing out today. Interesting. Range check looked good and radio programmed correctly, so off we go. After a few minutes of flying around and adding up trim and a few clicks of rudder, I tried some slow flight. This seemed to be OK, so while making a right turn to land the airplane did a snap or two. All very rapidly. I powered back and seemed to recover control, so flew back to the field and landed. While landing we noticed the rudder looked strange. See photos. Lucky to get this back.

Currently planning to build another rudder with a stronger center post. The original was as shown on the plans, 3 pieces of 3/16" square glued together to make 3/16" by 9/16" post from hard balsa. Glue was Tightbond."

"Previous Lazy Bee experience has taught me the airplane will snap on full rudder and recover when control is released. In this case the top part seemed to be sort of wedged to the fuselage in a position that allowed the small lower part to turn the airplane. All quite lucky!"

"Current thinking is a 3/16" x 5/8" piece of spruce or perhaps a 5/16" x 5/8" post. In either case it would taper toward the top to help control weight. Perhaps adding some carbon fiber wrapping on a 45 degree angle to make it stronger still. "



Crashing and Burning Around the Field

We have a sad tale of what started as a beautiful FMS foam Alpha Jet in Portuguese Air Force markings, belonging to Gary Le, shown at right.

The plane got airborne as shown below, but after that, details are lacking.

Below right, Gary is bringing back fragments, and bottom left shows Bruce Schaefer's quick action with the fire extinguisher.

Bottom right is the new LiPo Fire Safety kit. Not sure if it was available at the time.

Thanks to Rob Askegaard for the great photos. - Ed.



Seen Around the Field

At right is Patrick Dow's de Havilland Mosquito.

Below left is a beautiful 50" span SE-5a built by Rick Cassara.

Below right is Ted Broberg, Bruce Gale, and Henry Smith III getting ready for a flight with the E-Flite Apprentice.

Bottom is a nice photo of an unnamed 3 meter glider, taken by Tim Johnson.

All other photos courtesy of Rob Askegaard.



Sixth Annual Big Jolt Fly-In

Randy Wilbur is again the Event Director for the sixth annual Big Jolt Fly-In at the Prado Airpark in Chino, CA. This is the big beautiful paved field belonging to Pomona Valley Model Aircraft Club. Details are shown below.

October 23-24-25 2015 Prado Airpark, Chino, CA 6th Annual



Open to all Electric Aircraft & EDF Jets

- *Current AMA required
- *Beautiful 800' x 60' paved runway
- * Fire extinguisher required in pit
- *RV Dry Camping @ field \$10 a day
- *Spectators welcome
- *Food on Site
- *Fri Night Flying Contest
- *Saturday Night Dinner
- *Electric Vendors
- *Free admission & parking

AMA Sanctioned Event Hosted by The Pomona Valley Model Airplane Club (PVMAC)

For details, please visit: www.pvmac.com

***\$30 Pilot Landing Fee**

Contest Director: Randy Wilbur rwilbur@videotecheng.com (949) 683-9662

Event AMA Sanction # 334

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.

AMA's Response to the FAA's Drone Sighting Report

As many of you are aware, there has been a marked increase in sensational media reports of drones allegedly flying too close to manned aircraft. The alarm this has caused was compounded by the FAA's August 12 press release, "[Pilot Reports of Close Calls with Drones Soar in 2015.](#)"

In order to better understand what's actually occurring, and what role AMA could play to advance safe flying, our organization closely analyzed each of the 764 records in the FAA's dataset. AMA's analysis, "[A Closer Look at the FAA's Drone Data](#)," reveals a more complex picture of the unmanned aircraft systems (UAS/drone) activity in the United States than the initial headlines would suggest. From military crashes to a UFO sighting, only a fraction of the reports were legitimately reported "close calls" or "near misses." You may have already seen the report in this morning's USA Today ("[Drone hobbyists find flaws in 'close call' reports to FAA from other aircraft](#)") or on VICE News ("[Drones are the new UFOs](#)").

While AMA works closely with the FAA, and we continue to consider the agency a partner in promoting model aircraft and consumer drone safety, our report concludes that the FAA could have done a better job of presenting their data in a more factually accurate manner. By using misleading language in its press release, releasing only preliminary reports and not critically analyzing those reports, the FAA's report only served, at best, to paint a cloudy and less than accurate picture and raises concerns that simply may not be realistic.

By Dave Mathewson - Executive Director

SC2 Competition Schedule for 2015

Soaring Clubs of Southern California (SC2) posted the 2015 competition schedule at 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.harborsoaringsociety.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 August 23, 2015

The results for the eighth SC-2 competition held Sunday August 23, hosted by Thousand Oaks Soaring Society are shown below.

SC-2 Contest #8 Fish Canyon Field August 23, 2015				Hosted By TOSS Gary Filice, Contest Director Steve Meile, Scorekeeper									Contest Entries 36	
Precision Duration Format				Round 1, 8 mins.			Round 2, 9 mins.			Round 3, 10 mins.			SCORES	
Place	Pilot	Club	Class	T1	L1	S1	T2	L2	S2	T3	L3	S3	Total	Norm
1	Pearson, Rick	VVRC	E	7.59	100	998.1	8.53	70	958.3	9.55	50	942.5	2899.0	1000.0
2	Kindrick, Keith	SWSA	E	8.00	50	950.0	9.00	50	950.0	10.00	90	990.0	2890.0	996.9
3	Khani, Ali	SULA	E	8.00	90	990.0	9.00	70	970.0	10.00	20	920.0	2880.0	993.5
4	Brooks, Tony	SWSA	E	8.01	30	928.1	9.06	90	980.0	10.01	70	968.5	2876.6	992.3
5	Thonet, Andy	SWSA	RES	8.00	60	960.0	9.03	50	945.0	9.59	70	968.5	2873.5	991.2
6	Throop, Terry	SULA	E	8.02	0	896.3	9.03	100	995.0	9.59	70	968.5	2859.8	986.5
7	Garland, Steven	ISS	E	8.03	40	934.4	9.00	60	960.0	10.04	70	964.0	2858.4	986.0
8	Thonet, Andy	SWSA	E	8.00	80	980.0	8.44	0	873.3	9.59	90	988.5	2841.8	980.3
9	Swet, Bob	TOSS	WOODY	8.00	0	900.0	9.00	90	990.0	10.01	50	948.5	2838.5	979.1
10	Graham, Eber	SWSA	E	7.59	50	948.1	8.56	10	903.3	10.01	70	968.5	2820.0	972.7
11	Vera, Edgar	SWSA	E	8.00	70	970.0	9.00	90	990.0	9.27	0	850.5	2810.5	969.5
12	Barr, John	SWSA	WOODY	8.00	40	940.0	8.52	60	946.7	9.55	0	892.5	2779.2	958.7
13	McIntosh, Doug	SWSA	Int.	7.56	0	892.5	9.01	80	978.3	9.58	0	897.0	2767.8	954.8
14	Stewart, Ed	ISS	E	7.56	0	892.5	9.00	80	980.0	9.32	0	858.0	2730.5	941.9
15	Hallford, Phillip	SWSA	E	7.59	0	898.1	8.58	30	926.7	9.55	0	892.5	2717.3	937.3
16	Reagan, Mike	TOSS	E	8.01	0	898.1	9.00	0	900.0	9.59	20	918.5	2716.6	937.1
17	Townsend, Craig	HSS	Int.	7.57	10	904.4	9.01	20	918.3	10.07	0	889.5	2712.2	935.6
18	Szego, Erv	HSS	Int.	8.02	80	976.3	8.59	10	908.3	8.26	60	819.0	2703.6	932.6
19	Espolt, Ronnie	VVRC	RES	8.00	0	900.0	9.13	0	878.3	10.10	0	885.0	2663.3	918.7
20	Vera, Edgar	SWSA	RES	5.31	0	620.6	8.59	60	958.3	9.56	90	984.0	2563.0	884.1
21	Lee, Mike	ISS	E	7.55	100	990.6	9.00	0	900.0	6.34	70	961.0	2551.6	880.2
22	Barr, John	SWSA	S	8.05	0	890.6	9.19	90	958.3	7.18	0	657.0	2506.0	864.4
23	Filice, Gary	TOSS	E	7.59	90	988.1	9.02	60	956.7	5.26	70	559.0	2503.8	863.7
24	Brooks, Tony	SWSA	RES	4.38	90	611.3	9.00	50	950.0	9.58	0	897.0	2458.3	848.0
25	Swain, John	ISS	S	7.58	70	966.3	8.54	0	890.0	5.16	0	474.0	2330.3	803.8
26	Schaefer, Bruce	HSS	S	7.58	60	956.3	9.00	70	970.0	3.29	90	403.5	2329.8	803.7
27	Trivitt, Tom	ISS	Int.	8.00	90	990.0	9.03	40	935.0	3.48	0	342.0	2267.0	782.0
28	Smith, Jim	SWSA	RES	5.17	0	594.4	9.02	0	896.7	7.48	0	702.0	2193.0	756.5
29	Borer, Dan	SWSA	E	8.00	50	950.0	9.00	30	930.0	2.49	0	253.5	2133.5	736.0
30	Dora, John	ISS	E	8.03	0	894.4	9.04	0	893.3	3.35	0	322.5	2110.2	727.9
31	Meile, Steve	TOSS	RES	8.01	0	898.1	9.02	0	896.7	3.16	0	294.0	2088.8	720.5
32	Schwemmer, Rick	ISR	S	8.00	20	920.0	8.59	0	898.3	1.57	80	255.5	2073.8	715.4
33	Deckman, Mike	SWSA	E	8.01	0	898.1	8.53	80	968.3	2.04	0	186.0	2052.5	708.0
34	Ward, Les	ISS	Int.	7.46	0	873.8	8.36	0	860.0	2.12	0	198.0	1931.8	666.4
35	Filice, Gary	TOSS	RES	4.12	60	532.5	9.04	0	893.3	5.23	0	484.5	1910.3	659.0
36	Higgins, Walter	DSH	RES	8.02	0	896.3	5.39	0	565.0	2.41	0	241.5	1702.8	587.4

Flying Day For Fairview Developmental Center

Saturday, August 22, 2015, Harbor Soaring Society (HSS) of Costa Mesa hosted a Flying Day for clients of Fairview Developmental Center of Costa Mesa. Starting at 9:00 in the morning, officers and instructors of HSS demonstrated and trained clients of FDC in the use of several types of model airplane flight training. We started with Flight Simulators, computers that have controllers just like the R/C pilots use, to "fly" computer images of various airplanes, and a "Flier on a Wire" that has an airplane suspended in the air. This let the student operate the motor on the plane to control its left-and-right yaw, up and down pitch, and left and right bank, or roll. We used dual-control radios to show "how it's done," and then let the student "fly" it with his or her radio. There was also a simple little cigar-box model with joy-stick and rudder pedals that moves the control surfaces on the model plane above the box. Using "buddy box" dual radios, some clients had the chance to operate a flying model, with the instructor's transmitter able to over-ride the student's if needed. This was all under the insurance coverage of the Academy of Model Aeronautics (AMA), and was absolutely free to all who took part. It is hoped that this will add some interest in taking up a hobby involving making models, or just having an enjoyable time. It was a fun day for all.

Ted Broberg, HSS Secretary and Trainer, provided the following comment. "Many thanks to all who helped at Fairview Flying Day! Erinn and Luz, Fairview employees, and the four gentlemen who reside at Fairview that

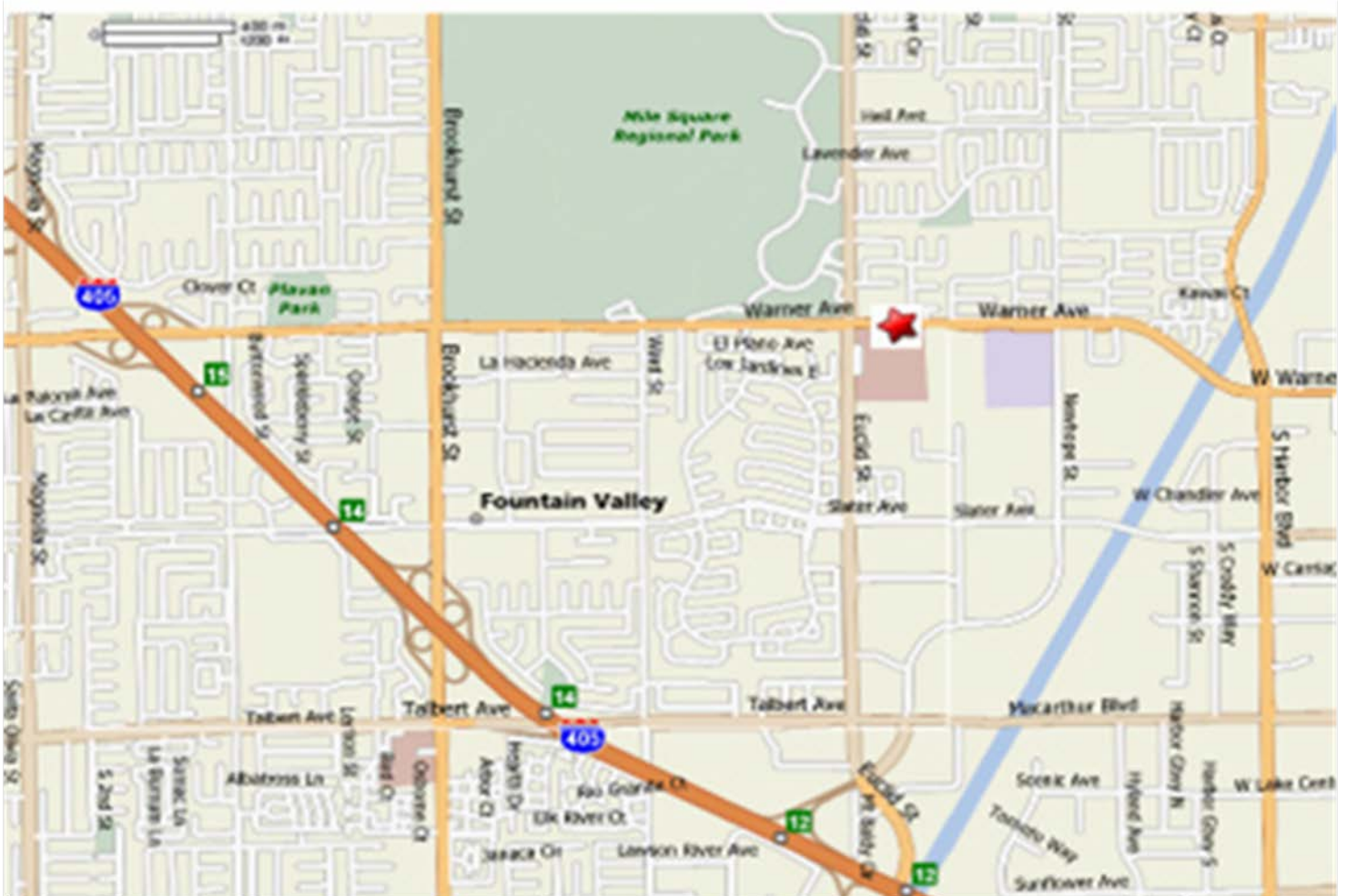


Flying Day For Fairview Developmental Center (Continued)

participated appeared to have a good time with the flight simulators, and watching electric and glider airplanes flying the Costa Mesa skies. A couple of the brave guys even flew a MAGISTER with one of our trainers! “Big thanks to all who helped, including Henry Smith III, Jim Hanson, Fred Hesse, Ted Broberg, Alan and Patrick Dow, Rob Askegaard, and many others who stepped in wherever they saw the need.”

**General Meeting Announcement For October 6, 2015**

Our monthly general meeting is held on each first Tuesday of the month, this time it is October 6, 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. 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 October 6th Meeting

Ted Broberg has some great raffle prizes for the October 6th meeting. Join us as raffle tickets are free, just for attending.



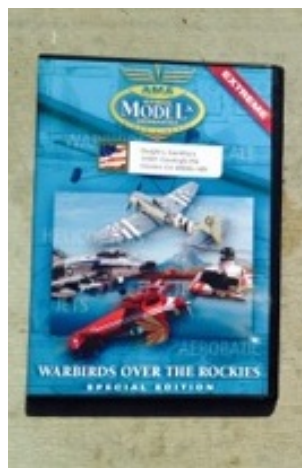
Super Miss, with brushless motor.
Donated by Tom Boyd.



AON Brushless motor.



Partial Biplane Model.
Donated by Larry Koch.



Two AMA Videos.



Wood Biplane Model
Donated by Carrithers Est..

HSS on Facebook

Our new Social Media Manager, David Miller, sent out the following announcement.

I wanted to announce our Facebook page has been launched. The address is www.facebook.com/harborsoaringsociety. If you are on Facebook, please join and share our site/page.

A project we should work on is a Press Release. I would like to develop a press release to announce our new website and new Facebook page. I would like to send this to the AMA marketing department for assistance announcing our great move forward.



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.

2015 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 District X Website

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 Classified Ads and Services - For Sale

We are pleased to offer free advertising space for anyone (member or nonmember) who has items or services for sale. Details should include a description, a small photo is acceptable, asking price, and contact address/phone. Ads should be sent to HSS Editor Fred Hesse at fhesse@socal.rr.com. Items will be displayed in three issues unless a request for extension is made.

Plane For Sale

Kunai 1.4m electric
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Castle Creations Talon ESC,
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Servos. Spektrum compatible
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All HSS Club members with proof of club membership, will get a 10% discount on most parts and accessories. Discount does not apply to plane kits, helicopter kits, radios, and other already marked down products. Please ask staff if you have any further questions.

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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: \$ _____

Rev: 24 Nov 2014



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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
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Contest Coordinator	Mike Fox	714-421-1556	brittanie1@verizon.net
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Social Media Manager	David Miller	949-351-7047	davidjmiller949@gmail.com
Lead Flight Instructor	Ted Broberg	714-235-6430	tbroberg@earthlink.net

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 OCTOBER 6, 2015, AT ROUND TABLE PIZZA, 11095 WARNER AVE.
HUNTINGTON BEACH, GENERAL MEETING 7-9 PM.**

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

