



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.

May 2015

HSS IS NOW OVER 50 YEARS OLD!

Volume 52

HSS will host the sixth Soaring Clubs of Southern California competition at Fairview Park, on June 28, 2015. Erv Szego is Contest Director, and needs all the help he can get to manage the approximately 50 participants. See pages 11 - 12 for event details, and how you can help.
The field will be closed for recreational flying on June 28.

Plane Rap Index

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Coming Events and Soaring Competitions

May 2015 – July 2015

- Tuesday May 5, 2015. HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. General meeting, 7 PM. See P.13 for details.
- Sunday May 17, 2015. Fifth SC2 competition hosted by VVRC at Victor Valley RC Park, Hesperia. See P.11 or www.vvrcf.org.
- Tuesday June 2, 2015. HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. General meeting, 7 PM. See P.13 for details.
- Sunday June 28. Sixth SC-2 competition hosted by HSS at Fairview Park. See pages 11-12 for details, and how you can help.
- Tuesday July 7, 2015. HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. General meeting, 7 PM. See P.13 for details.



April 7, 2015 General Meeting Minutes

— **GENERAL MEETING:** Called to order at 7:07 P.M. by President Henry Smith III. Also in attendance were Mike Fox, Vice President and Contest Coordinator; Jim Hanson, Treasurer; General Director John Anderson; Photographer Rob Askegaard, Social Media Manager David Miller; Ted Broberg, Secretary; Jesse Calleros, Bill Sharkey, John Rittenhouse, Assistant Website Administrator; Bob Voss, Jesse Calleros, Jeff and Shari Greene, Sylvesta Whittington, Jim Peterson, Sid Hood, NEW MEMBERS Ralph and Charlie Siegfried, Larry Koch, Jim Peterson, and Dick Baxter.

I. IMAGINOLOGY Fair, April 24, 25, 26, 2015

- A. It's for Orange County Youth.
- B. We'll have an indoor hangar, and an outdoor flying area.
- C. Other clubs will have booths, also.
- D. We MUST staff our booth(s) all the hours.
- E. A web-mail blast will come out soon; please volunteer, and sign up right away. Our names will be checked against the Megan's Law list. Give your full names, please.
- F. John Anderson: He's in charge of our efforts, and will be there all three days.
 - 1. We'll want flight simulators, VAPORS, indoor planes, heli's, quads, more.
 - 2. Education stuff: He has many small balsa and paper planes. Helpers needed.
 - 3. Dick Baxter will show some of his creations, and videos.
 - 4. Exhibits: We'll want photos and displays.
 - 5. "Virtual Presence": People can send us slide shows and videos of what they do, and need not be present.
 - 6. Henry: We'll need outdoor fliers. Contact John A.
 - 7. Exhibitors/participants:
 - Make-and-takes, booth staffers, pilots, tutors for make-and-take tables; spokespersons.
 - John suggests Ralph Ranalli and his team would be good, for his First Person View planes.
 - OCMA has been invited.
 - John thinks we might have a chance to use the hangar on Fair "off-days" for indoor flying.

II. Revised HSS web-site: Video presentation. David Miller

- A. He's still making changes and adding features.
- B. He invites us to look it over, and let him know your suggestions via email.
- C. We are also on Face Book
- D. AMA has added us to their Face Book page.
- E. Some of it will be aimed toward a younger audience.
- F. He can make changes even when he is away from home or on the phone.
 - Henry: Have you contacted Frank Colver? He has a lot of good material.
- G. Next phase will have a membership-only section. Membership renewal by email is coming.
 - Compliments to David for his work, and the improvements he's bringing to HSS.

III. Jim Hanson: He's setting up a Pay Pal account on the site.

April 7, 2015 General Meeting Minutes (Continued)

IV. Show and Tell;

A. John Anderson: R/C Rogallo glider, with "laundry-bag" wing covering. Mabuchi 280 motor. He told a bit about his research into Rogallo-style wings, and the changes he made for this. The forward area of the wing is flat (unlike the Rogallo), and functions as a canard; the after area has the looseness of a true Rogallo.

B. Jesse Calleros: Fly-Zone INUM micro foamy, 2.4 GHz, pusher; 35 mAh battery. \$39.95. Rudder and power only. Ultimate Hobbies. Similar to a full-size PHOEBE.

C. Henry Smith III: Fuselage of a Stevens AERO 1909 Demoiselle UM pre-WWI French monoplane. 17.5" w/s, 1.4 oz weight. Motor and "brick": from a micro CHAMP. Very precise Laser cutting of balsa and plywood parts. Goes together fast. \$39.

RAFFLE PRIZES:	DONATED BY	WINNER
1. BIRD OF TIME model, 3 m	Bob Voss/R. Pritchard	Jim Peterson
2. Transmitter bag		Randy Wilbur
3. Tiny metal JN-4 model	Anon.	Jesse Calleros
4. Grab-bag of parts	D. Carrithers' family	Rob Askegaard
5. FUTABA 72 mHz transmitter & RX	Randy Wilbur	Charlie Siegfried
6. Battery meter/balancer	Hobby People F V	Larry Koch
7. CA Thick Glue	Hobby People F V	Jeff Greene

— Our monthly prize raffles are free, and are supported by members and others who donate planes, tools, parts, and items of interest to the R/C community. Contact the HSS Secretary at 714-235-6430. Raffle tickets are given free to all attendees of each meeting.

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

Field Closure – Saturday April 25, 2015

We recently received this announcement from the Costa Mesa Parks Department.

The model aircraft flying field will be closed to all flyers on **Saturday April 25, 2015**. The City of Costa Mesa will be hosting the Community Run from 8AM-5PM. The City will post announcements.

Any questions or comment, please call 714-754-5291. Thank you for your cooperation.

All the more reason to help with the Imaginology project or go to Randy Wilbur's Wings Over Prado Scale Fly-In Saturday April 25, 2015.

Message From Past Member

We recently received a message from Richard Culbertson, who has been a member of HSS for a number of years, but has moved to Oklahoma. He comments:

- **Message:** I miss the club, I am out here in the Oklahoma nowhere. The nearest AMA field is 45 miles away. I fly alone with the cows and alfalfa. Say hello to the old timers that were there in 2007 when I escaped California. Richard Culbertson
- Richard can be reached at: Email wingmaster@rcworks.com.

The City of Costa Mesa is making a lot of headlines in recent issues of the Orange County Register and the Harbor Pilot. Since the topics involve Fairview Park, and the existence of our flying field, these three articles



City of Costa Mesa News Headlines

are reprinted for your consideration. Editor's Note: This does not bode well for the Orange County Model Engineers and their massive facility.

Orange County Register, Sunday April 12, 2015, Local Section

Headline: Costa Mesa fees grow for damage to habitat. By Jordan Graham – Staff Writer

Costa Mesa continues to pay out of pocket for the mysterious 2013 construction of an unauthorized granite path installed over Fairview Park vernal pools, which damaged the habitat of an endangered species of fairy shrimp.

On Tuesday, the city renewed its contract with a Los Angeles law firm - rehiring the attorneys to consult U.S. Fish and Wildlife Service biologists about the long-term management of Fairview Park, and to meet with a U.S. attorney, who it was revealed has been "assigned to the matter."

The Costa Mesa City Council approved \$38,000 for the legal work Tuesday after Meyers, Nave, Riback, Silver & Wilson said it had exhausted a \$50,000 expenditure the council approved 16 months ago.

In the spring or summer of 2013, someone installed an unsanctioned path over a Fairview Park vernal pool, on land that harbors the eggs of the San Diego fairy shrimp - a federally protected species.

The city later paid to remove the pathway, but the U.S. Fish and Wildlife Service had already begun investigating the damage.

On Tuesday, Deputy City Attorney Yolanda Summerhill revealed that the Fish and Wildlife Service had completed its investigation and submitted the report to the U.S. Attorney's Office.

Mayor Steve Mensinger recused himself from the discussion and vote over the renewed legal fees without explaining why he was doing so.

The mayor has said he asked the city to mow the area of the path, because a trail had already evolved over the years as kids walked from parking lots to nearby sports fields.

Orange County Register, Sunday, April 5, 2015, Local Section

Headline: Sports fields in Costa Mesa could cost \$15 million. Price tag is tied to building proposed athletic facilities at city's Fairview Park.

As Costa Mesa attempts to address its perceived shortage of public athletic facilities, residents learned Wednesday that the city would have to pay a sizable chunk of change to build even a few sports fields at Fairview Park.

City staff announced it would cost more than \$15 million to build a proposed six-field sports area in the southeast quadrant of Costa Mesa's largest park; while addressing the public at a Fairview Park Citizens Advisory Committee meeting.

The meeting was the group's first in three months and became its last gathering for at least a year after the City Council directed the committee Wednesday to delay voting on the athletic fields project until Costa Mesa's Open Space Master Plan of Parks and Recreation is completed.

That master plan is to assess the city's need for new athletic facilities – through a consultant study and a citywide survey - and the forthcoming results could make an advisory committee vote preemptive before the plan is completed. The city does not have a target date for the plan's completion.

But it became clear Wednesday that if the City Council eventually decides to construct athletic facilities at Fairview Park, it will have two options: Leave the land ungraded and build only one baseball or soccer field on the terrain, or pay for the land to be leveled and have room to build six fields (two baseball, two football/soccer and two multiuse).

Staff estimated the former would cost \$1.5 million to \$2 million, and the latter to cost about eight times that amount. The larger project would also rip up the Orange County Model Engineers' rideable train's 5-mile Fairview Park track, which could be rebuilt around the fields.

Costa Mesa has been debating for decades how much of Fairview Park should be developed and how much left natural or at least open. The City Council created the Fairview Park Citizens Advisory Committee in April 2013 to propose what to do with the 208-acre green space, and the committee has already rejected building sporting areas on three of the park's quadrants.



City of Costa Mesa News Headlines (Continued)

The majority of those in attendance opposed the sports fields, arguing that the facilities would reduce the city's open space and disturb the area's vernal pools, wildlife habitat and Native American archeological site.

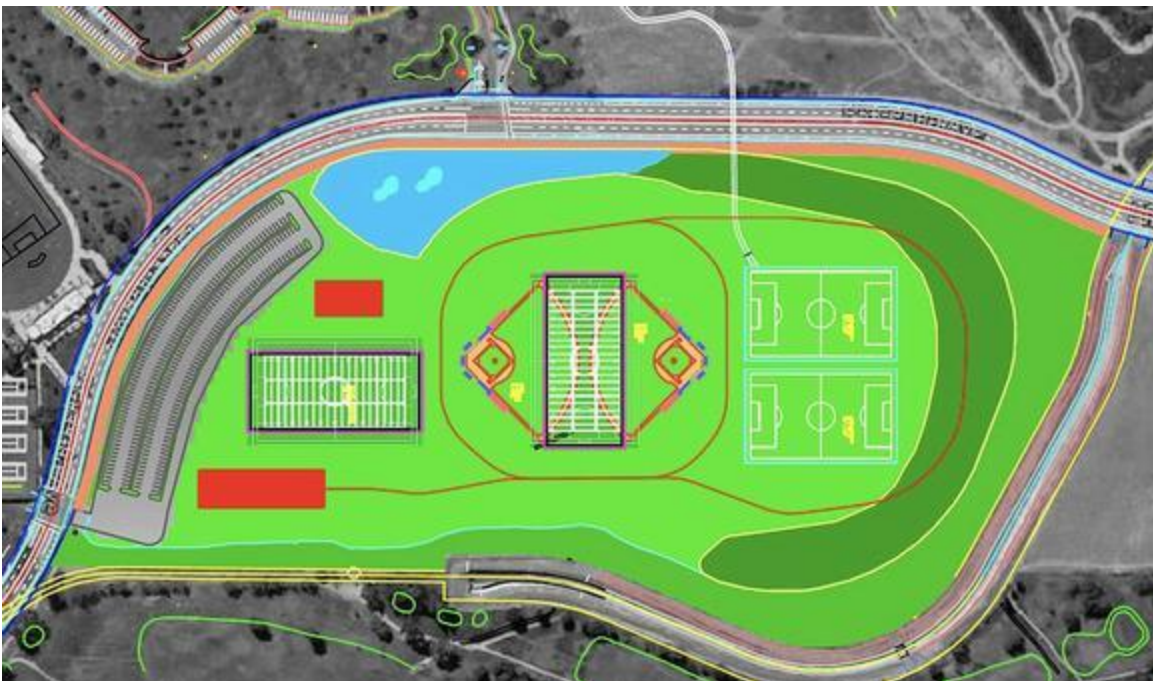
Dr. Gary Stickel, a tribal archeologist for Kizh Nation (Gabrielenio Band of Mission Indians), said the park was a sacred site that "contains the most clogged stones (artifacts) ever found in Southern California." "These sites are your Stonehenge in your city," Stickel said. "You have an absolute responsibility to preserve these sites."

Bart Mejia, senior engineer for Costa Mesa, countered that there were "no intact cultural deposits" at the proposed athletic-fields site, and that remains from burials would have been exposed in past excavations.

But a few committee members said they thought there would be no need to consider building at Fairview Park.

Committee Chairman Steve Smith said he thinks there are enough sports fields at Costa Mesa's public schools to serve the community, and that better communication between Costa Mesa and Newport-Mesa Unified School District would address the city's perceived shortage.

Contact the writer: 714-796-7960 or jgraham@ocregister.com

City of Costa Mesa Daily Pilot, Thursday April 2, 2015

Costa Mesa city staff have created this initial concept plan for sports fields in Fairview Park's southeast quadrant, which currently contains the Orange County Model Engineers. This plan would cost as much as \$15 million and would relocate the train tracks and involve major excavation work to flatten hilly portions of the quadrant.

Costa Mesa Daily Pilot, Thursday April 2, 2015

By Bradley Zint , April 2, 2015

Baseball diamonds, soccer fields and football in Costa Mesa's Fairview Park? With lights? Artificial turf?



City of Costa Mesa News Headlines (Continued)

According to a city engineer, they're all possible — but not without spending as much as \$15 million and doing major excavation work.

In what was probably its last meeting for the year, the Fairview Park Citizens Advisory Committee met Wednesday to hear two options for adding athletic facilities into the park's southeast quadrant, a roughly 45-acre space primarily occupied by the Orange County Model Engineers' rideable trains and facilities.

The panel didn't approve or deny the concepts, following City Council direction March 17 that it wait until a master plan update of the city's parks system is completed, probably next year.

City engineer Bart Mejia said that if the city doesn't change the model engineers' tracks, the best option would be to construct a lighted, artificial turf field for football, soccer, lacrosse, field hockey and similar sports. The cost would be \$1.5 million to \$2 million, he said.

If the city reroutes the tracks, it could potentially add two soccer fields, a multiuse field and two baseball/softball fields that face each other and fit a second multiuse field between them. That plan would also include new facilities for the model engineers, a "native habitat zone" and play areas, Mejia said.

All that could cost between \$12 million and \$15 million, Mejia said, and require flattening of the quadrant's hilly sections. It would also keep intact the area's vernal pools — temporary wetlands that collect water and host various animal life, including San Diego fairy shrimp, an endangered species.

The plans were met with skepticism from some members of the public, who have long contended that Fairview Park should be free of athletic fields and remain a natural space.

Resident Cindy Brenneman compared the proposals to "sticking a square peg in a round hole."

"It's not gonna work," she said.

Some local archaeologists expressed concern about the plans' effects on a Native American archaeological site where mysterious and rare cogged stones have been found. The stones might have been part of a sun deity worshipping ritual, said Gary Stickel, tribal archaeologist for the Kizh-Gabrieleño, who once lived in the area.

"These sites are the equivalent, to these people, of the Vatican or Jerusalem," Stickel said. "These sites are your Stonehenge ... this city needs to preserve these sites."

He added that he and others are going to be petitioning authorities in Sacramento to add the park to a Native American "sacred lands" listing.

Costa Mesa resident Lou Desandro called the athletic fields a "sensible solution" in a city that needs them.

The committee has kept the rest of the 208-acre park largely untouched, he noted.

"This one quadrant, though, does have some potential," Desandro said.

HSS Budget for 2015

Jim Hanson, our club Treasurer, has done an excellent job of preparing the HSS Budget for 2015. Since this is club confidential information, we cannot print it here since this newsletter appears on our web site.

However, every club member is entitled to know this information if they so desire. Therefore, if you wish to see the 2015 budget, contact Jim Hanson (address/phone shown on rear of this newsletter).

Thanks to Jim for this well prepared planning document. - Ed.



Discus Launch Glider Activity

Below are Le Nguyen Nguyen and past member Richard Odle, flying at Fairview. The planes are Snipe Discus Launch Gliders (DLG) imported from the Ukraine by Kennedy Composites, (www.kennedycomposites.com) all molded carbon fiber, weight just 7.8 to 8.5 ounces. Airframe only cost is \$900, so about \$1,100 in the air.

DLG is an FIA class of glider called F3K and is limited to 1.5 meters in wing span. The World Championships for this class will be flown this July in Croatia. The Snipe will be very competitive once again, as it was 2 years ago, and will be flown by 2 of the 3 USA F3K Team members.

International Hand Launch Glider Festival! May 2 & 3, 2015

This will be the 22nd year that the Torrey Pines Gulls hosts this incredible and challenging event. The IHLGF will once again be held at the Poway flight center, just north of San Diego, California. Information and applications can be obtained from www.torreypinesgulls.org.

Thanks to Richard Odle for the description. - Ed.



F3K World Championship

Dick Odle also provided the following information on the F3K World Championship competition. Vladimir Models, Ukraine, imported by Barry Kennedy Composites, was kind enough to supply Snipes to the 2015 USA F3K Team with USA flagged airframes for the contest. The event will be held from 17 to 26 July, 2015, in Ludbreg, Croatia. For more information, go to www.f3k2015.com.



Model of the Month

This is Bob Goff's latest creation. It's a Lockheed P-80 (or F-80) Shooting Star from the era of the Korean War 1950-1953. The model is scratch built and is made and modified from Cleveland plans and is 1/8 scale. It weights 8 lb, has a 58" span. It has an 80 mm 12 blade EDF, uses 6 cells, 100 amp ESC, Ultra Cote covering, retracts are from a T-33 by Free Wing from Park RC Models. The plane looks beautiful, and Bob flew it very well. Very realistic flying and it sounds great, too. Nice tailpipe swoosh and turbine whine sound.

Thanks to Rob Askegaard for the great photos and text. — Ed.



Seen Around the Field

Rob Askegaard has provided the following page of members and their planes, annotated below. Thanks. - Ed.



Dan Scobell and his Super Sportster.



Mike Inmon converted this DR-1 from rubber power..



One of Henry Smith IV's small scale planes..



Ted Broberg and his tiny Super Cub.



Great shot of "somebodies" glider. Sorry, Ed.



Bob Wilson and his Sukhoi Su-29m.



Student Training

Again, Ted Broberg has been busy with his flight training program, as shown in the photos below. At left, are Ted with student Mario Mimbella. Your editor was present for Mario's very first flight, and was tremendously impressed with how rapidly Mario mastered the aircraft and how smoothly he controlled it's flight. Mario took his instruction seriously, and was the kind of student every instructor longs for. Good work, Mario.

Below right, Ted is giving another lesson to Jethro Oxford-Pope who deserves acclaim for being Ted's most enthusiastic student. Jethro comes by the field quite regularly for lessons.



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.

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 20 of this newsletter.



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

My sister has a lifesaving tool in her car which is designed to cut through a seat belt if she gets trapped. She keeps it in the car trunk.

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.vvrcf.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 April 26, 2015 Event

The results were not published for the fourth Southern California Soaring Clubs (SC-2) event of 2015 which was held on Sunday April 26. See June Plane Rap.

HSS Hosts Sixth SC-2 Competition

HSS is scheduled to host the sixth Southern California Soaring Clubs (SC-2) competition on June 28, 2015. This is a big event which drew about 50 competitors last year. HSS members are invited to participate, and also assist in organization and execution of the event. You may assist by helping set up winches, timing flights, judging landings, scoring, and most important, assist in food preparation and service. If you can help, contact Erv Szego who is Contest Director, as shown on the following page.

Note that the field will be closed to recreational flying on June 28.



HSS Hosts Sixth SC-2 Competition (Continued)**Harbor Soaring Society Invites you to the June 2015 SC2 Contest**Website: <http://www.1hss.org>**Date:** Sunday, June 28, 2015**Location:** Fairview Park 2525 Placentia Ave. Costa Mesa, CA 92628**Field:** Dirt / and More Dirt

(Enter off of Canyon Dr. – see map)

Contest Director: Erv Szego

(714) 235-9052

ervszego@msn.com**Club President:** Henry Smith

(714) 322-6537

henry.smith.3@earthlink.net**Sign up:** 8:15 AM**Pilots Meeting:** 8:45 AM**Contest Starts:** 9:00 AM**Fee:** \$10.00 Each Class – Open, RES, WOODY and ALES

Free for NOVICE and AMA Juniors & Seniors (18 yrs and younger)

***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 900 points – landing 100 points – 1000 total per round

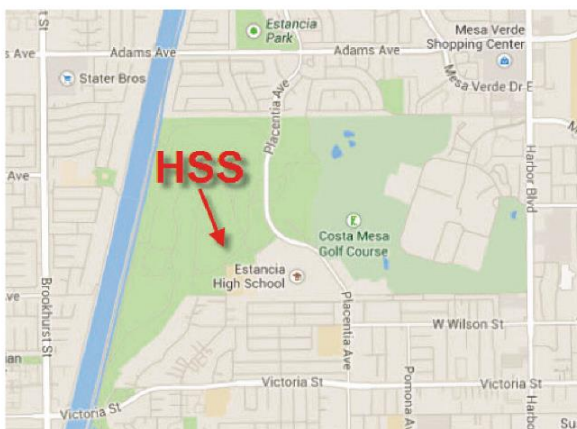
Round 1: 5 mins., *Round 2:* 8 mins., *Round 3:* 10 mins., *Round 4:* 8 mins., – For a total of 31 minutes – Open flight order

2 Winches with retrievers, approximately 450' to turnarounds, landing zone behind winches on model runway

ALES will launch parallel to winch corridor. ALES height limited to 150 meters by limiting device.

AWARDS: OPEN Expert, Intermediate, Sportsman and RES – 1st thru 3rd place,

ALES and WOODY – 1st place only

RULES: AMA required All 2015 SC2 Rules apply Restroom available on site

GPS 33°39'37.11"N, 117°56'25.55"W

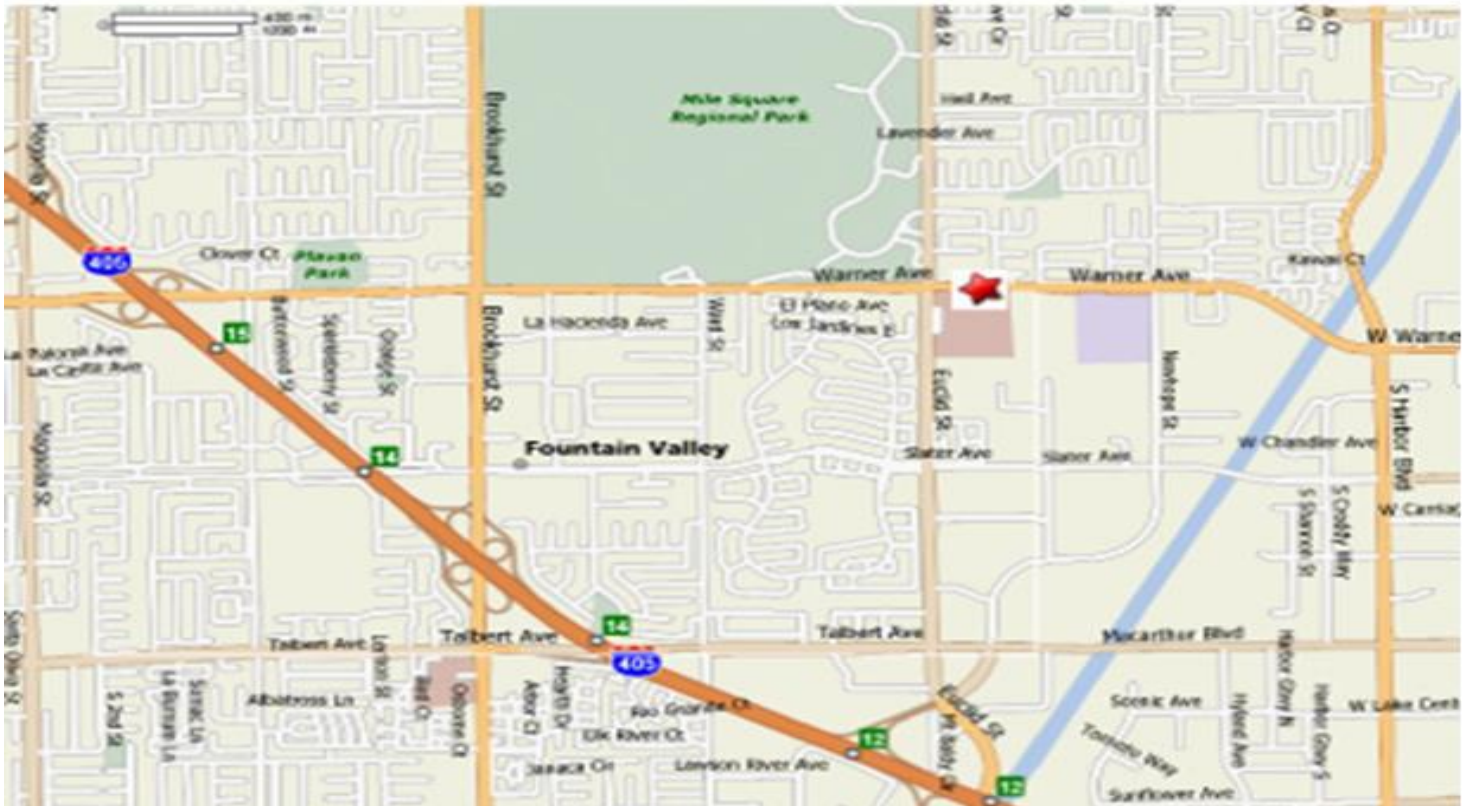
The field will be open at 7:30 AM and the winches will be set up by approximately 8:00 AM for practice or fun flying. The winches will be shut down at 8:45 AM for the pilots meeting.

See HSS website for more field info: <http://www.harborsoaringsociety.org/#!/flying-sites/c8a3>



General Meeting Announcement For May 5, 2015

Our monthly general meeting is held on each first Tuesday of the month, this time it is May 5, 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.



My colleague and I were eating our lunch in our cafeteria,
when we overheard an admin girl talking about the
sunburn she got on her weekend drive to the beach.

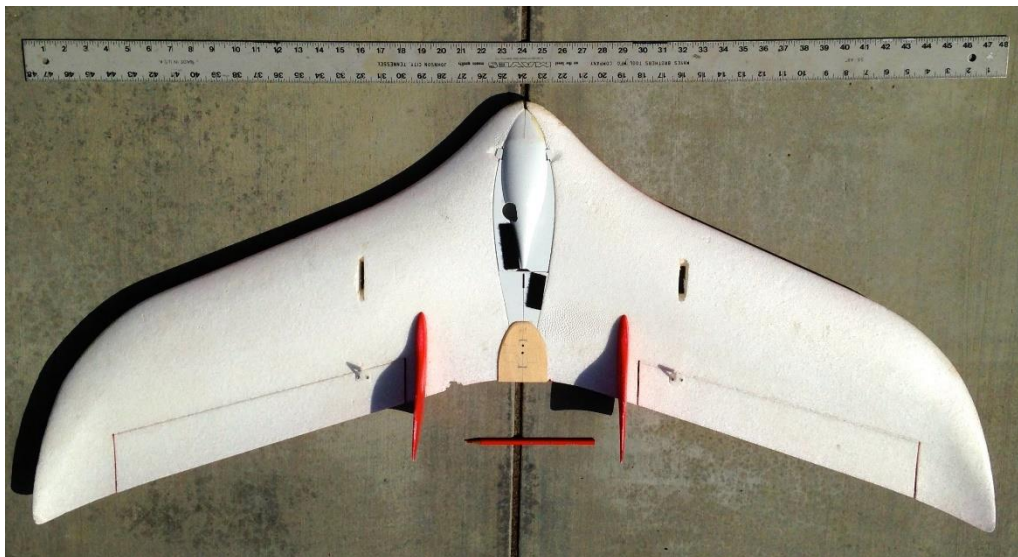
She drove down in a convertible, but said
she 'didn't think she'd get sunburned
because the car was moving'.

They Walk Among Us!



Raffle Prizes for April 7th Meeting

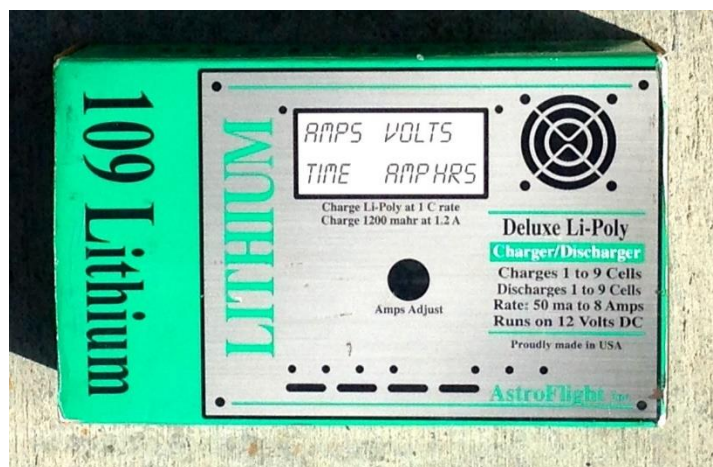
Ted Broberg has some great raffle prizes for the April 7th meeting. Join us as raffle tickets are free, just for attending.



48" flying Wing. Needs motor and exelectronics.



Solid wood model of Spad



Lithium battery charger

Super Glue
(2 tubes)



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.



Park Scale Models

Your editor has a love affair with the Republic XF-12 Rainbow, and recently found a company that is offering it as a kit. They are also offering the Hughes XF-11. These are spectacular kits. Check them out.



Park Scale Models is pleased to offer the Republic XF-12 Rainbow, the first in its new line of Giant Scale aircraft kits.

Utilizing the same interlocking / self aligning Accu-Lock™ design principles found in all other Park Scale Models designs, the XF-12 Rainbow may be the first laser cut, giant scale aircraft kit that requires absolutely NO PLANS to build over! The Accu-Lock™ design system ensures a faster, straighter and lighter build than you ever thought possible.

One of Park Scale Models overriding design rules has always been "Inexpensive to build and equip", and the XF-12 Rainbow is no exception. With its light wing loading, the Rainbow can be powered with a wide variety of inexpensive brushless power systems, it can even be converted to glow power.

And just because it's a 'giant scale' plane doesn't mean it has to take up a 'giant scale' space. The removable wing easily breaks down into 3 pieces and the horizontal and vertical stabilizers can be quickly removed for storage and transport.

Length: 62-1/2"

Wing Area: ~656 sq.in.

Wing Loading: ~21 oz/sq.ft.

Suggested Power System(s):

AXI 2212/20, Hacker A20 20L or TowerPro 2409-18 with 8x6 props

Wing Span: 81-1/2"

Weight: ~6 lbs.

Item No. MA-XF12. Price \$345

Check out the web site at www.parkscalemodels.com . The 50+ page manual is available for review.



Park Scale Models (Continued)



Park Scale Models is pleased to offer the Hughes XF-11, the second in its new line of Giant Scale aircraft kits.

Utilizing the same interlocking / self aligning Accu-Lock™ design principles found in all other Park Scale Models designs, the XF-11 is the second laser cut, giant scale aircraft kit that requires absolutely NO PLANS to build over! The Accu-Lock™ design system ensures a faster, straighter and lighter build than you ever thought possible.

One of Park Scale Models overriding design rules has always been 'inexpensive to build and equip'...and the Hughes XF-11 is no exception. The XF-11 can be powered with a wide variety of power systems, it can even be converted to glow power.

And just because it's a 'giant scale' plane doesn't mean it has to take up a 'giant scale' space. The airframe can be broken down into 6 pieces for storage and transport.

Length: 65-1/2"

Wing Area: ~983 sq.in.

Wing Loading: ~25-35 oz/sq.ft.

Suggested Power System(s):

E-Flite Power 46 to E-Flite Power 90

Wing Span: 101-3/8"

Weight: ~11-15 lbs.

Item No. MA-XF11. Price: \$600

Zeke Brubaker of Park Scale Models provided the following comments on the XF-11.

I believe it would be possible to have the XF-11 come in just under your 10lb weight limit. Believe it or not, the prototype bare airframe weighed only 3-1/2lbs. Here is a list of some of the electronics/hardware I'd recommend:

Motors - Turnigy G46 420kV Props - Hobby Express 11x10 4-blade scale prop

45A ESC (2 required) 5S 3000mAh pack per motor (Reduce to 2250mAh to save weight).

Landing gear - Main wheels - 3.25" diameter (4 req.) Landing gear - Nose Wheel - 2.5" diameter (1 req)

Servos - 9 required for control surfaces, 3 additional for gear doors if desired. The elevator servo should be fairly powerful given the size of the control surface.

Zeke can be reached at Zekebrubaker@www.parkscalemodels.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

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HARBOR SOARING SOCIETY MEMBERSHIP APPLICATION FOR 2015

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

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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 _____



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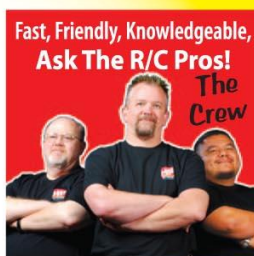
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See our web site at www.1hss.org, our YouTube site at <http://www.youtube.com/user/hssletsfly>, and Facebook at www.facebook.com/harborsoaringsociety

NEXT CLUB MEETING WILL BE:

**TUESDAY MAY 5, 2015, AT ROUND TABLE PIZZA, 11095 WARNER AVE.
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