



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 since 2011

July 2014

HSS IS NOW 50 YEARS OLD!

Volume 51

**Concerts at Fairview Park, every Tuesday in July 5:30 to 8:30 PM.
HSS will have a booth. Members are needed to staff each evening.
See details on page 4 of this issue.**

Plane Rap Index

Check out the following articles:

- June 3 General Meeting Minutes. P.2-3.
- City Council Meeting May 20, 2014 . P.3.
- Summer Concerts at Fairview Park. P.4.
- HSS on YouTube. P.4.
- Student Instruction. P.5.
- RCX Expo. P.6.
- President's Message. P.7.
- Rea School Student Training. P.8.
- Model of the Month. P.9.
- Seen Around the Field. P.10-12.
- Member of the Month. P.12.
- SC-2 Schedule. P.13.
- SC-2 Competition Results. P.13.
- SC-2 Competition Hosted by HSS. P.14.
- Next Meeting Announcement. P.15.
- Next Meeting Raffle Prizes. P.16.
- FAI Description. P.17-18.
- City Flying Permits. P.19.
- Chino Air Show. P.20.
- Classified Ads. P.21.
- Sponsors. P.22-23, 25.
- HSS Membership Application. P.24.

Coming Events and Soaring Competitions

July 2014 – September 2014

- Tuesday July 1, 2014. HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. General meeting, 7 PM. See details on P.15.
- Tuesday July 1, 2014. HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. General meeting, 7 PM. See details on P.15.
- Tuesday July 1, 8, 16, 22, 29, 2014. Concerts at Fairview Park. 5:30 PM See Details on P.4.
- Sunday July 20, 2014. Sixth SC2 competition. Hosted by HSS. See P.13-14 for details or go to <http://sc2soaring.com> for more information.
- Tuesday August 5, 2014. HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. General meeting, 7 PM. See details on P.15.
- Sunday August 17, 2014. Seventh SC2 glider competition. Hosted by SWSA. See P.13 for details or go to <http://sc2soaring.com> for more information.
- Tuesday September 2, 2014. HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. General meeting, 7 PM. See details on P.15.



General Meeting Minutes for June 3, 2014

Meeting was held at Round Table Pizza, Fountain Valley, CA. In attendance were President Jesse Calleros, Vice President and General Director Henry Smith III, Photographer Rob Askegaard, and Secretary Ted Broberg. Also attending: Ross Thomas, Bob Voss, Roger Nahas, Dave Whittington, Gary Baldwin, Tom Sherwood, Erv Szego, Jim Sonnenmeier, John Rittenhouse, Mike Fox, Jeff Greene, and Guest Speaker, Peter Kovari.

GENERAL SESSION: Called to order at 7:10 p.m. by Jesse C.

A. Nomination for Member of the Month: Jesse Calleros has selected Jim Sonnenmeier for July..

B. Jesse: RC-X: Thanks to all who helped. Also, Henry 4 won both first and second places in "Stick-and-Tissue" category.

C. Use Permit Renewal request: July City Council meeting should handle it. June's meeting will deal with City budget matters. Note: Recently, a City Council member witnessed illegal flying, and was not treated well by the NON-LICENSED, NON-MEMBER fliers. We're hoping this doesn't jeopardize our plea for a five-year extension.

D. Sunday, July 20, Glider Contest will be the sixth of the Southern California Soaring Club (SC2) summer competition series. HELPERS NEEDED. Landing judges and more. Contact Erv Szego, Contest Director: [714-235-9052](tel:714-235-9052); ervszego@msncom.

E. Mike Fox requested that we replace the winch lines. Jim S. says it's already been taken care of.

F. Jesse: Jim Hanson printed off a set of labels for Jesse's planes, with Jesse's name, AMA number, and contact information. Jesse recommends that we all take advantage of Jim's good service. Low prices.

G. Henry 3: We owe a continuing debt of gratitude to John Anderson and Ted Broberg for their work with young people's groups at schools, Teen Center, and GIRLS, Inc.

H. Jesse: OCRCC's speaker last night was Lt.Col. Robert (Bob) Friend: former P-39 pilot. He also flew P-40's, P-51's, and others.

i. Jim Sonnenmeier: That club's field may be moving a short distance away, soon.

J. Henry 3: OCMA has said they are willing to let us have a glider event any time we wish, given adequate notice. "There's some amazing lift out there."

SPEAKER: Peter Kovari of the CRYSTAL SQUADRON, a full size sailplane club.

In 1966, he started flying airplanes. He has flown model sailplanes, and has flown Pattern planes. Norm Page, a recognized Pattern flier, told him he had started flying full-size gliders. It's very affordable. He bought a Libelle 201. Now, he has a DG 300. "We crew for each other, or hire a helper." Interested in helping? Henry 3 has the contact information. Your hotel expenses, etc., will be covered. "All you have to do is drive and use a radio." They fly at Crystal Airport, Llano, CA

He spoke of the hazards of landing "out": It's not advised. Land is not as smooth as it looks. Deserts and farm fields have lots of "surprises." Airports are preferred landing sites.

A tow runs about \$40-\$50.

He likes "straight-out" flights, "diamonds": 500 kilometers! He's done several diamonds. Altitude? He's been to 26,000 feet.

FEATURE: Video of sailplane flying.



General Meeting Minutes for June 3, 2014 (Continued)**SHOW-AND-TELL:**

1. Jim Sonnenmeier: Erv's EASY GLIDER, with a 500 Watt TURNIGY motor, plus lights, from Hobby King. Erv had Jim outfit it for night flying at Visalia, when they are done with the day's events. The transmitter controls the lights. They run off the balance port of the motor's battery, and are reasonably-priced. Erv says the plane thermals well.

2. Henry 3: DEMON UDI 8300 micro Quad-copter: Hobby People.

3. Ross Thomas: BIG GNOME: It started life as a 3-meter GNOME, Now it's 138 inches, up from 118. First flight lasted 38 minutes, until his neck got tired. The wing is totally scratch-built. He plans to compete with it in WOODY class.

RAFFLE DRAWING:

PRIZE	DONOR	WINNER
SILHOUETTE 3-D plane	Bill & Dennis Booher	HENRY SMITH III
Solar wooden model kit	Dwight Currithers' estate	DAVE WHITTINGTON
E-flite BLADE helicopter	Don Ramsay's family	JESSE CALLEROS
E-Fair electric glider	Randy Wilbur	JEFF GREENE
SLOT MACHINE hinge tool	Don Ramsay's family	TOM SHERWOOD
Ernst assembly stand	Steve Friel	ROGER NAHAS
MONOKOTE roll	Dwight Carrithers' family	ROB ASKEGAARD
Tool storage system	Mike Fox	JIM SONNENMEIER

— Meeting adjourned at 8:20 p.m. Respectfully submitted, Ted Broberg, Secretary

City Council Meeting for May 20, 2014

HSS General Director Henry Smith III has been closely tracking the progress of our use agreement through the Costa Mesa City Hall. His progress reports follow.

A few hours before the May 20 city council meeting someone at City Hall noticed the new use agreement did not include the exact changes requested by the Parks & Recreation Commission. City staff issued a revised agenda time late in the afternoon of 20 May but the City Council decided to pull the HSS use agreement from the agenda in order to allow everyone time to review the latest version of it. We should be on the agenda for the next city council meeting scheduled for 3 June. This is the same day as our normal monthly meeting so some members will be at city bass instead of Round Table.

Towards the end of June, it turns out that the June city council meetings are taken up by budget issues. Robert Staples has told us the renewal will be on the agenda the first meeting in July.

Henry A. Smith III
Harbor Soaring Society

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 VP. All of the information is at www.ama10.org. Why not consider helping your district with its website.



Summer Concerts at Fairview Park

Every summer the City of Costa Mesa has concerts at Fairview Park. This year HSS has been invited to staff a booth to advertise our club and activities. This is somewhat short notice, but we need two to three members to attend the booth from 4:30 to about 8:30 PM each of the five Tuesday nights in July. As shown in the attached flyer, that is July 1, 8, 15, 22, and 29. We expect to show several planes, pass out club brochures and have the flight simulator working. Please contact our President Jesse Calleros at 714-543-0581 or jessecall@sbcglobal.net if you can assist on any of those nights.

Note that flying after about 4 PM will be curtailed as our runway may be used as a parking lot.



HSS Membership

Our 2014 HSS membership enrollment season is in full swing. 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 2013 and all of 2014. 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 19 of this newsletter.

HSS on YouTube

Ted Broberg provided the following.

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 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



Student Instruction at the Field

Ted Broberg continues to be our star instructor. Ted works with adults and children, and also assists John Anderson with the design, build, fly classes. Photos courtesy of Rob Askegaard.

**From AMA Today Newsletter**

More than 100 clubs registered for National Model Aviation Day.

Thank you to each club that has registered for this year's National Model Aviation Day celebration. To date, 130 clubs have registered, and approximately 300 National Model Aviation Day T-Shirts have been purchased in support of Wounded Warrior Project. We would also like to recognize [Hobby King](#) and [Ready Made RC](#), our major sponsors, and [Fly RC Magazine](#), our featured sponsor for the event. Club registrations are due by August 1, and T-shirt orders will conclude on July 1. Visit nationalmodelaviationday.org for more event information.

Support this year's US F3J Soaring Team

Congratulations to the team members of the US F3J Soaring Team now planning their trip to Martin, Slovakia for the 2014 World Championships. The US Team was chosen at the team selection event held in Chicago IL by the SOAR club between August 31 and September 2 in 2013. To learn more about the team, and how you can support them as they prepare for competition, visit the team website at www.teamusa3j.com to make a donation .



RCX EXPO

The Radio Control and Hobby Expo (RCX) was held on May 17 to 18 at the Orange County Fairgrounds. For the first time, HSS maintained a booth and staffed it with enthusiastic members. Rob Askegaard has provided some photos of participating members, shown below. President Jesse Calleros had the following to say.

Thanks to all for volunteering. A great job was done.

On Sunday morning shift some contacts were made and some people liked our club and said they would attend club meetings and others said they would check out the field.

**Model Speed Record – 498 MPH with a Glider!**

Spencer Lisenby is one of 11 RC pilots who have flown faster than 400 MPH. His most recent record is 498 MPH for a slope glider using the technique of dynamic soaring. This is a world speed record for all types of model aircraft. More information is available at his web site www.dskinetix.com



President's Message

Hello All,

July is promising to be a very exiting month for the club.

- We find out the User Agreement Time term from the city.
- HSS will be hosting a Southern California Soaring Clubs (SC2) glider contest on the 20th, at Fairview Park.
- Costa Mesa Foundation has asked us to participate in the concerts in the park series at Fairview Park by having a booth to promote the club.

This are opportunities we have to be involved and make the club something to be proud of. Your assistance is always needed, and you can be a part of it.

Lets make the club the best it can be and do our best to impress the people that will be at the field during these and future events.

Keep flying and having fun

Jesse Calleros - President, Harbor Soaring Society

Field Maintenance

Another field maintenance project with a large turn-out of enthusiastic members. Good work guys.

Photos courtesy of Rob Askegaard who finally go in one of his photos, front row right end.

Thanks Rob. - Ed



Rea School Student Training

John Anderson and Ted Broberg have been pretty busy lately. The Rea Grammar School classes that we reported on last month are continuing. Below are Ted, John, and school instructors all wrapped up in the planes, designs, and simulator that HSS provides.

Photos and information courtesy of Ted Broberg.

**Vandalism at Fairview Park**

Our President, Jesse Calleros, has reported the following.

On Friday the 6th we noticed that there was no power at the station nor the storage container. I looked at the junction box on the ground and found that the wires had deliberately been cut. Fortunately Vice San Filippo one of the regular flyers helped and got us power again. I have sent him an e-mail thanking him. His son also helped and a report was made to the park ranger.



Model of the Month

Rob Askegaard has taken a great collection of photos featuring Phil Bland and his 72" Spitfire by BH Models (Black Horse). The model uses an E-Flite Power 160 motor, and a Castle 120 ESC.



Seen Around the Field

Gene Favilla and his foam Armstrong Whitworth F.K. 10 quadriplane from Hobby King. That ought to be enough wings. Will it fly?. Below right is Peter Ngo's 60" foam Corsair. Bottom left is John Anderson's North Korean jet bomber. Bottom Right is Ross Thomas and his new glider. Photos courtesy of Rob Askegaard.



Seen Around the Field (Continued)

At right are WW I fighter pilots John Stambuk, Joe George, and Dave Maze, not necessarily in that order. Below is Bryan Marks with his ARF Edge 2.3. Below right is Doron Ben-Yehezkel—with his Vladimir Snipe from Kennedy Composites. Bottom left is Peter Ngo and his foam P-47 with 60" span. Bottom right is Shawn Nguyen with his F-22 from Hangar 9.



Seen Around the Field (Continued)

Rob Askegaard has provided this great shot of John Stambuk, Joe George, Larry Koch, and Dave Maze (not necessarily in order) doing a mass launch. Gotta have a funny guy launching inverted?

**Member of the Month – Jim Sonnenmeier**

Jim Sonnenmeier has been selected as our member of the month, and has provided the following background on his interests in model aircraft. Note that Jim holds a Doctorate in Mechanical/Aerospace Engineering. (Note that **PR** is Plane Rap.)

PR: How long have you been flying and how did you get started

Jim S. I started flying R/C 30 years ago when I started graduate school and could finally afford a radio. Prior to that I had built some free flight and a lot of plastic display models. I taught myself to fly during a long summer of trial and multiple errors with a Gentle Lady glider and a high start. Only after I could reliably get up and down in one piece did I find the local glider club which had access to a huge sod farm north of Buffalo, NY (The Clarence Sailplane Society).



PR: Do you prefer flying gliders over powered airplanes

Jim S. Generally speaking I prefer flying gliders though I do also enjoy powered flight. I really love the challenge of trying to stay up as long as possible by watching the plane and the sky, noting the wind, the birds and other signs of lift. It can be relaxing, exciting and frustrating all at the same time.

PR: How did you become aware of Harbor Soaring Society

Jim S. When I had the opportunity to move to California one of the very first things I did was look on the AMA website to find the local clubs. My second day in town I got a map and then found Fairview Park where I met Karl Hawley. He was sitting near the sign at the end of Canyon Dr and invited me to come fly that weekend. I had one model with me when I came to town, the rest came later with the movers. So started my association with HSS.

PR: How many glider contest a year do you participate in

Jim S. I enjoy competition sailplanes and keep up with all the important contests locally, nationally and internationally. The SC2 contest series is one of the premiere contest circuits in the country. I try to get to 2 to 3 a year if possible.



SC2 Competition Schedule for 2014

Soaring Clubs of Southern California (SC2) posted the 2014 competition schedule at <http://sc2soaring.com>.

February 16, 2014 Hosted by SWSA

March 23, 2014 Hosted by VVRC

April 27, 2014 Hosted by SULA

May 18, 2014 Hosted by DSH at TPG

June 22, 2014 Hosted by ISS

July 20, 2014 Hosted by HSS at Fairview Park

August 17, 2014 Hosted by SWSA

September 21, 2014 Hosted by TOSS

October 26, 2014 Hosted by TPG

November 16, 2014 Rain Date

December 2014 Mark Child Toys for Tots Hosted by SULA and DSH.

SC2 Competition Results for May 18 2014

Here are the results for the May 18, 2014 Southern California soaring Clubs (SC-2) competition hosted by Downey Soar Heads and held at the Torrey Pines Gulls field at Encinitas.

SC-2 Contest #4 Encinitas Flight Center May 18, 2014					Hosted By TPG Keith Finkenbinder, Contest Director Keith Finkenbinder, Scorekeeper									Contest Entries 41	
Precision Duration Format					Round 1, 8 mins.			Round 2, 10 mins.			Round 3, 10 mins.			SCORES	
Place	PID	Pilot	Club	Class	T1	L1	S1	T2	L2	S2	T3	L3	S3	Total	Norm
1	117	Jolly, Larry	TPG	E	8.00	99	999.0	10.00	95	995.0	10.00	98	998.0	2992.0	1000.0
2	436	Reagan, Mike	TOSS	RES	8.02	97	993.3	10.00	90	990.0	10.00	92	992.0	2975.3	994.4
3	145	Reagan, Mike	TOSS	E	8.00	98	998.0	10.01	96	994.5	10.01	82	980.5	2973.0	993.6
4	105	Condon, Scott	TPG	E	7.59	86	984.1	10.00	86	986.0	10.00	100	1000.0	2970.1	992.7
5	143	Vera, Edgar	SWSA	E	7.59	97	995.1	10.01	84	982.5	9.58	95	992.0	2969.6	992.5
6	135	Smith, Mike	TPG	E	7.57	98	992.4	9.58	95	992.0	10.00	83	983.0	2967.4	991.8
7	416	Jolly, Larry	TPG	RES	8.00	67	967.0	10.00	97	997.0	10.03	95	990.5	2954.5	987.5
8	144	Watson, Tom	TPG	E	7.57	83	977.4	10.00	81	981.0	10.00	93	993.0	2951.4	986.4
9	204	Amardeep Dugal	TPG	Int.	8.00	94	994.0	10.02	59	956.0	10.01	94	992.5	2942.5	983.5
10	107	Filice, Gary	TOSS	E	8.02	92	988.3	10.01	76	974.5	10.02	79	976.0	2938.8	982.2
11	409	Cavazos, Robert	ISS	RES	8.00	78	978.0	9.59	98	996.5	10.03	7	902.5	2877.0	961.6
12	110	Garland, Steven	ISS	E	7.30	85	928.8	10.02	96	993.0	10.01	43	941.5	2863.3	957.0
13	446	Filice, Gary	TOSS	RES	8.03	35	929.4	10.12	70	952.0	10.02	77	974.0	2855.4	954.3
14	224	Anderson, Major	SWSA	Int.	7.45	91	962.9	10.05	76	968.5	10.04	0	894.0	2825.4	944.3
15	121	Le, Tuan	DSH	E	7.34	0	851.3	10.02	96	993.0	9.58	80	977.0	2821.3	942.9
16	133	Scolari, Mario	TPG	E	6.33	58	794.9	9.59	98	996.5	10.00	98	998.0	2789.4	932.3
17	106	Dora, John	ISS	E	6.13	66	785.4	10.06	78	967.0	9.53	59	948.5	2680.9	896.0
18	149	Condon, Steve	TPG	E	5.14	92	680.8	10.01	89	987.5	10.01	81	979.5	2647.8	884.9
19	124	Markiewicz, Arthur	TPG	E	4.39	88	611.1	10.02	66	963.0	10.03	89	984.5	2558.6	855.2
20	103	Cavazos, Robert	ISS	E	5.19	4	602.1	9.58	83	980.0	10.00	65	965.0	2547.1	851.3
21	210	Hurd, Steve	TPG	Int.	8.04	62	954.5	10.05	52	944.5	6.28	65	944.0	2543.0	849.9
22	219	Dona, Alberto	HSS	Int.	8.03	50	944.4	9.58	0	897.0	7.39	0	688.5	2529.9	845.5
23	122	Lee, Mike	ISS	E	4.46	91	627.3	9.56	88	982.0	10.05	23	915.5	2524.8	843.8
24	116	Borer, Dan	SWSA	E	6.37	0	744.4	9.01	0	811.5	10.06	10	901.0	2456.9	821.1
25	139	Stewart, Ed	ISS	E	4.10	7	475.8	9.58	96	993.0	10.01	80	978.5	2447.3	817.9
26	607	Ward, Les	ISS	ALES	5.36	0	630.0	9.36	0	864.0	9.56	7	901.0	2395.0	800.5
27	606	Dora, John	ISS	ALES	4.22	47	538.3	10.00	0	900.0	10.01	47	945.5	2383.8	796.7
28	226	Canfield, Mark	TPG	Int.	7.55	0	890.6	10.02	81	978.0	4.24	88	484.0	2352.6	786.3
29	332	Brandon Condon	TPG	S	5.36	85	715.0	9.39	0	868.5	6.48	0	612.0	2195.5	733.8
30	118	Khani, Ali	SULA	E	4.44	0	532.5	9.59	90	988.5	7.06	0	642.0	2163.0	722.9
31	217	Townsend, Craig	SULA	Int.	4.53	0	549.4	10.03	36	931.5	6.44	0	606.0	2086.9	697.5
32	215	Skube, Mike	TPG	Int.	3.54	94	532.8	9.55	91	983.5	6.01	0	541.5	2057.8	687.8
33	142	Throop, Terry	SULA	E	4.22	91	582.3	8.37	29	804.5	6.35	72	664.5	2051.3	685.6
34	201	Szego, Erv	HSS	Int.	4.28	84	586.5	10.02	79	976.0	4.30	0	405.0	1967.5	657.6
35	304	Trivitt, Tom	ISS	S	4.08	0	465.0	7.06	0	639.0	9.06	0	819.0	1923.0	642.7
36	433	Thomas, Ross	HSS	Woody	3.46	0	423.8	10.01	38	936.5	5.25	0	487.5	1847.8	617.6
37	608	Alberto Dona	HSS	ALES	5.06	0	573.8	7.20	58	718.0	5.27	0	490.5	1782.3	695.7
38	402	Whittington, Sylvestra	HSS	Woody	3.59	0	448.1	8.34	0	771.0	4.04	0	368.0	1585.1	529.8
39	325	Ward, Les	ISS	S	3.03	0	343.1	2.40	52	292.0	5.05	0	457.5	1092.6	365.2
40	427	Espeit, Ronnie	VVRC	RES	2.07	0	238.1	5.51	0	526.5	2.28	0	222.0	986.6	329.8
41	456	Mike Fox	HSS	Woody	1.54	0	213.8	0.00	0	0.0	0.00	0	0.0	213.8	71.4



SC2 Competition Hosted by HSS, 20 July 2014

Harbor Soaring Society will be hosting the sixth SC2 glider competition for this year at Fairview Park on July 20, 2014. This event requires HSS members who are not competing to assist in timing, judging, and management. Please contact Erv Szego, contest director at 714-235-9052 or ervszego@msn.com if you can help. For those who wish to compete, details are shown below.



Harbor Soaring Society Invites you to the July 2014 SC2 Contest

Website: <http://www.1hss.org>

Date: Sunday, July 20, 2014

Location: Fairview Park 2525 Placentia Ave. Costa Mesa, CA 92628
(Enter off of Canyon Dr. – see map)

Field: Dirt / and More Dirt

Contest Director: Erv Szego
(714) 235-9052
ervszego@msn.com

Club President: Jesse Calleros
(714) 206-9387
jesscall@sbcglobal.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:

3 Rounds of Precision Duration – flights each worth 900 points – landing 100 points – 1000 total per round
Round 1: 5 Minutes, Rounds 2&3: 10 Minutes – For a total of 25 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 2014 SC2 Rules apply Restroom available on site



GPS 33°39'37.11"N, 117°56'25.55"W

July 2

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.1hss.org/FlyingSites.aspx>

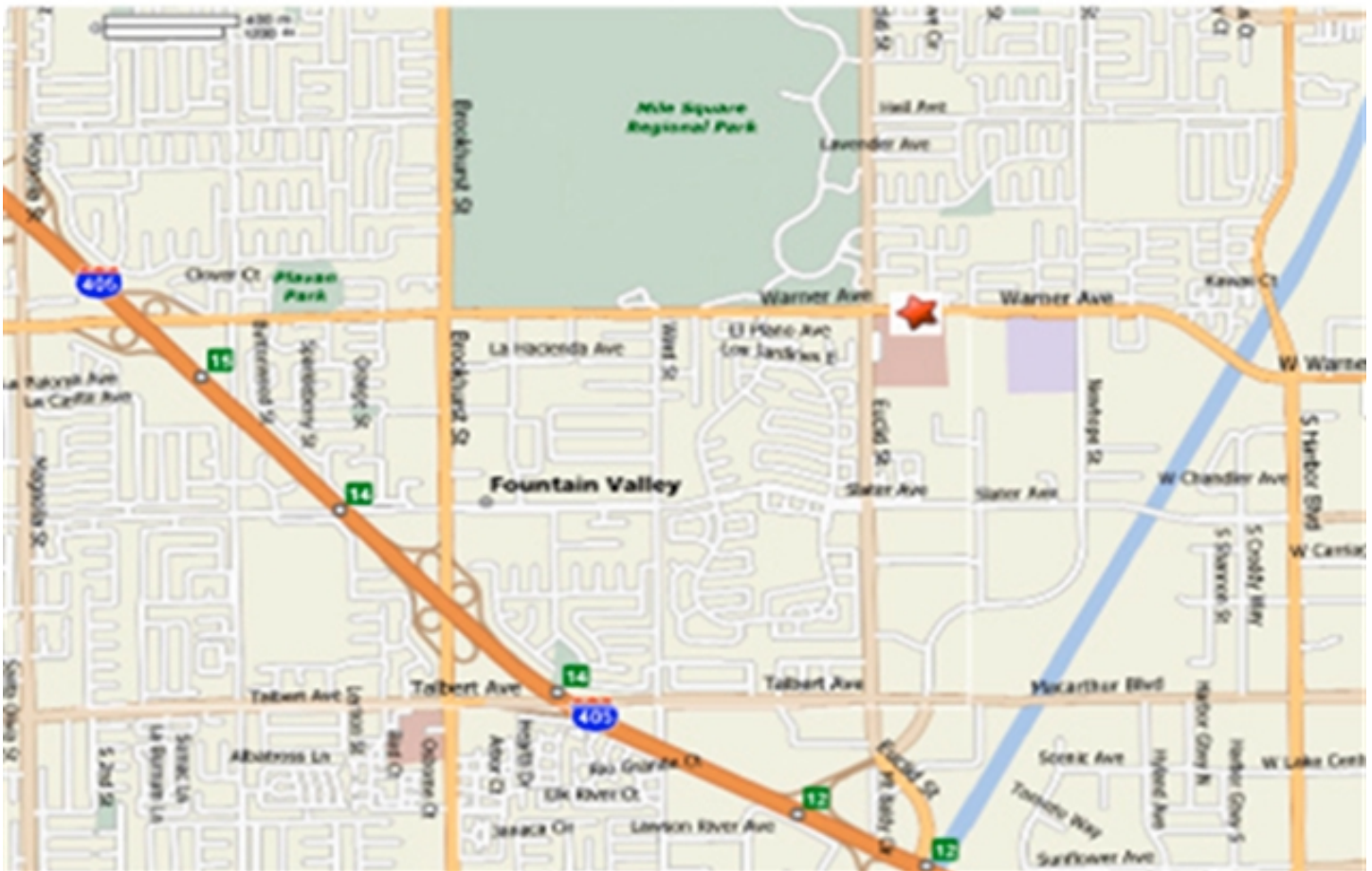
Photos of Your Planes

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.

General Meeting Announcement For July 1, 2014

Our monthly general meeting will be held on the first Tuesday, July 1 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 page 16. The location is shown below.



Raffle Prizes For July 1, 2014 Meeting

Ted Broberg has the following raffle prizes for the next meeting on July 1, 2014. They include:

1. Mini-MIG 15 Ducted Fan Model pictured bottom left. Donated by Randy Wilbur.
2. Ernst Assembly Stand. Donated by Mike Nelson.
3. Bag of servos. Donated by Don Ramsay's family.
4. Wasp XS Helicopter, W/SKY 706 transmitter pictured below left. Donated by Randy Wilbur.
5. Homebuilt Airboat, pictured bottom right. Donated by the Carrithers family.
6. Mark's Wanderer 2-Meter Glider, partially built, pictured below right. Unknown donor.

**Roger Saville Memorial**

Unfortunately, long time HSS member Roger Saville passed away on Friday May 16, 2014. Ross Thomas reports that Roger was active in the 1980's and 1990's time frame. He was always helpful to other members as a builder and helped at running contests. Rogers daughter Tianne called Henry Smith III and said she wished to donate his airplanes to HSS. Her generosity is appreciated.



Fédération Aéronautique Internationale

Your editor is just one of many who get confused by the variety of international competition classes that have been established by the Fédération Aéronautique Internationale (FAI). Jim Sonnenmeier has kindly provided the following explanation. This information will also appear on our web site.



What are all these FXX designations ?
A brief introduction to International Aeromodeling

Fédération Aéronautique Internationale
Jim Sonnenmeier

The Fédération Aéronautique Internationale¹, (FAI) is the world governing body for air sports for both full scale and model aircraft. Founded in 1905 in Lausanne, Switzerland it also governs and maintains records for all aeronautics and astronautics activities worldwide. Known as the World Air Sports Federation it, like all international sports federations, sets the rules and oversees the schedules for national and international competitions. Each country that participates in the FAI has a national aviation governing body as well. These are called National Aero Clubs or National Airsport Control Organizations. The National Aeronautic Association, (NAA) is the United States' representative to the FAI. The Academy of Model Aeronautics, (AMA) is an associate member of NAA.

International aeromodeling competition is the highest form of our sport. Like Formula 1 Auto Racing, FAI aeromodeling represents the best in technology, construction and performance. There is nothing like competition to push the limits of both pilot skills and the models. The quest for success fuels the imagination of modelers wishing to fly farther, longer, more precisely or more efficiently. Aeromodeling itself predates full scale aviation and has contributed to the development and advancement of the airplane from the very beginning until now.

World aeromodeling is overseen by a Commission within the FAI called the FAI Aeromodeling Commission, (CIAM) which stands for "Comité International d'Aéromodelisme".² Other commissions within FAI oversee the specifics of other aviation activities such as racing, ballooning, UAV's, parachuting, aerobatics or full scale soaring for example. All aeromodeling activities are designated by their FAI class. The basic classes are listed below. F1 for example, covers all free flight models, F2 all control line models etc. Note that there are several radio control classes for the different types of models and activities. Each class has a Technical Sub – Committee within the FAI which is responsible for all rules and specifications within the class. Each country has a representative on the sub – committee to file rules change proposals, submit site bids for international competitions and world championships or comment on technological development trends. The sub – committees meet annually to discuss and vote on these proposals or other business within the class. AMA designates and advises these representatives with their FAI programs and team selection committees made up of representatives from each AMA district.³⁻⁴

- | | |
|--------------------------------|--------------------------|
| F1 - FREE FLIGHT | F4 - SCALE MODELS |
| F2 - CONTROL LINE | F5 - ELECTRIC FLIGHT |
| F3 - RADIO CONTROL AEROBATICS | F6 - AIRSPORTS PROMOTION |
| F3 - RADIO CONTROL SOARING | F7 - AEROSTATS |
| F3 - RADIO CONTROL HELICOPTERS | S - SPACE MODELS |
| F3 - RC PYLON RACING | |

Within the FAI classes are the various 'events' that are contested both nationally and internationally for the different types of models. These events are generally different than AMA events which are the subject of AMA contests. Rules and model specifications are often similar to or compatible with AMA rules but are, to the letter of the law, different. For example, F3J gliders are essentially the same as AMA Open class gliders in their function and use. Participation in a sanctioned FAI contest requires the purchase of an annual FAI Sporting License.⁵ Licenses are obtained through NAA via AMA headquarters.⁶ As in Olympic competition, from time to time, new FAI events are added. They are initially listed as provisional events to see if participation grows then they may be promoted to a regular event which can then possibly include a world championship. If an event has had low participation in recent history it can be eliminated. The current list of contested events (including provisional) is shown below for each class. World championship events listed are highlighted in yellow.⁷

¹ <http://www.fai.org/>

² <http://www.fai.org/ciam-about-us>

³ http://www.modelaircraft.org/files/2014_BLUE_BOOKFEB14.pdf

⁴ I served as the AMA District 2 representative to the Soaring Team Selection Committee when I lived in New York State. JRS.

⁵ <http://naa.aero/membership/fai-sporting-license>

⁶ <http://www.modelaircraft.org/events/teaminfo.aspx>

⁷ There are also World Championships for Space models (Rockets) but they are not listed.



Fédération Aéronautique Internationale (Continued)

F1A – GLIDERS (tow line) F1B – MODEL AIRCRAFT WITH EXTENSIBLE MOTORS (rubber) - WAKEFIELD F1C – POWER MODEL AIRCRAFT (2.5 cm ³ ~ 0.15 in ³ max displacement) F1D – INDOOR - MODEL AIRCRAFT (rubber) F1E – GLIDERS WITH AUTOMATIC (magnetic) STEERING F1N – INDOOR - HAND LAUNCH GLIDERS F1P – POWER MODEL AIRCRAFT (1.0 cm ³ ~ 0.06 in ³ max displacement) F1G – MODEL AIRCRAFT WITH EXTENSIBLE MOTORS (small rubber) COUPE D'HIVER (Provisional) F1H – GLIDERS (small tow line) (Provisional)	F1J – POWER MODEL AIRCRAFT (1.0 cm ³ ~ 0.06 in ³ max displacement) (Provisional) F1K – MODEL AIRCRAFT WITH CO ₂ MOTORS (Provisional) F1L – INDOOR E2B MODEL AIRCRAFT (small EXTENSIBLE MOTORS) (Provisional) F1M – INDOOR - MODEL AIRCRAFT (beginner class - EXTENSIBLE MOTORS) (Provisional) F1Q – ELECTRIC POWER MODEL AIRCRAFT (Provisional) F1R – INDOOR - MODEL AIRCRAFT "MICRO 35" (EXTENSIBLE MOTORS) (Provisional)
F2A – SPEED MODEL AIRCRAFT F2B – AEROBATIC MODEL AIRCRAFT F2C – TEAM RACING MODEL AIRCRAFT F2D – COMBAT MODEL AIRCRAFT	F2E – COMBAT MODEL AIRCRAFT WITH DIESEL ENGINES (Provisional) F2F – DIESEL PROFILE TEAM RACING MODEL AIRCRAFT (Provisional) F2G – ELECTRIC SPEED (Provisional)
F3A – R/C AEROBATIC POWER MODEL AIRCRAFT F3B – R/C MULTI-TASK GLIDERS (Duration, Distance, Speed) F3C – R/C HELICOPTERS F3D – PYLON RACING MODEL AIRCRAFT (IC Engines) F3E – R/C SLOPE SOARING GLIDERS (Closed Course Racing) F3H – R/C SOARING CROSS COUNTRY GLIDERS (Provisional) F3J – R/C THERMAL DURATION GLIDERS (Hand Tow) F3K – R/C HAND LAUNCH GLIDERS (DLG)	F3M – LARGE R/C AEROBATIC POWER MODEL AIRCRAFT F3N – R/C HELICOPTERS FREESTYLE F3P – INDOOR R/C AEROBATIC POWER MODEL AIRCRAFT F3Q – R/C AERO-TOW GLIDERS (Provisional) F3R – PYLON RACING MODEL AIRCRAFT WITH LIMITED TECHNOLOGY F3S – JET R/C AEROBATIC POWER MODEL AIRCRAFT (Provisional) F3T – SEMI-SCALE PYLON RACING MODEL AIRCRAFT WITH CONTROLLED TECHNOLOGY
F4A – FREE FLIGHT POWER SCALE MODELS (Provisional) F4B – CONTROL LINE SCALE MODELS F4C – RADIO CONTROL SCALE MODELS F4D – INDOOR FREE FLIGHT SCALE MODELS RUBBER POWERED (Provisional) F4E – INDOOR FREE FLIGHT SCALE MODELS CO ² POWERED (Provisional)	F4F – INDOOR PEANUT FREE FLIGHT SCALE MODELS (Provisional) F4G – R/C LARGE SCALE MODELS (Provisional) F4H – R/C STAND-OFF SCALE MODELS F4J – TEAM SCALE (Provisional)
F5A – R/C ELECTRIC AEROBATICS F5B – R/C ELECTRIC MOTOR GLIDER (multi-task) F5D – R/C ELECTRIC PYLON RACING F5E – R/C ELECTRIC SOLAR MODEL AIRCRAFT (Provisional) F5F – R/C ELECTRIC 4 CELL MOTOR GLIDERS (Provisional)	F5G – R/C ELECTRIC BIG GLIDERS (Provisional) F5H – R/C OPEN ELECTRIC MOTOR GLIDER (Provisional) F5J – R/C ELECTRIC THERMAL DURATION GLIDERS (Provisional) F5K – R/C ELECTRIC INDOOR RACING MODEL AIRCRAFT

The rules and model specifications for the listed events are contained in Section 4 of the FAI Sporting Code.⁸ World championships are held in alternate years with alternating lists of events around the world as described on the CIAM Sub Committee website.⁹ Sometimes a World Championship may include several events at one contest. For example, the Free Flight World Championships cover events F1A/F1B/F1C for both Senior and Junior contestants (one exception is that Juniors fly the lower power F1P event rather than F1C) which could mean a team of up to 18 pilots! , three pilots for each event for both Seniors and Juniors. For other classes they will contest only one event. For example, the F3B Glider World Championships are held in alternate years to the F3J Glider World Championships. Each of these contests require a maximum of only 6 pilots, three each for Senior and Junior.

The AMA runs its FAI programs as discussed above primarily to select the teams to represent the United States at these world championships. Each team selection committee decides on a team selection program that may include participation in qualification contests or set minimum performance standards for pilots to meet before being allowed to try for the team at a final team selection contest. The selected team then has to raise funds to pay for attending the world championship contest, wherever it is held that year. AMA contributes some funding for the teams but it is far less than the total needed. Participation in FAI programs can be **very** time consuming and costly for equipment, practice, getting on the team and ultimately attending the contest. I encourage you to follow the FAI events in AMA's Model Aviation magazine or the hundreds of websites or facebook pages all around the world. Perhaps it will encourage you to participate in these programs. HSS Members have been involved in FAI events over the years. For example, Ross Thomas was previously involved with the F5B team and Dick Odle with the F3B team selection back in the 1980's and Chris Adamczyk's son Casey was on the US Junior F3J World Championship team in 2004 (2nd place) and 2006 (1st place and Casey was 3rd individually !).

⁸ <http://www.fai.org/fai-documents>

⁹ <http://www.fai.org/aeromodelling>

Be a Concerned Enthusiast – Support the AMA

As discussed in the April 2012 issue of Model Aviation (the AMA publication sent to all AMA members), the federal government has passed the FAA Modernization and Reform Act of 2012, which includes Sec. 336 Special Rule for Model Aircraft. This law prevents the FAA from passing any rule that controls model aircraft being flown under the AMA safety code. This Act resulted in part by the 90,000+ letters written by AMA members to their representatives.

The AMA will shortly be facing a new FAA regulation called the "small Unmanned Aircraft Systems" (sUAS) rule. In the next several months the FAA will post the preliminary regulation for public review. At this time the AMA will initiate a concerned citizens organization made up of AMA members to express their opinions of the preliminary regulation. To do this rapidly, the AMA will again contact all members by E-mail with instructions on comments and congressional contacts, which means the AMA needs everyone's current E-mail address. If you are not presently receiving occasional E-mail from the AMA, please go to www.modelaircraft.org and update your personal information. It is important for all of us to support the AMA especially in this endeavor.

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 2013.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.



2014 Chino Air Show

The 2014 Chino Air Show was held May 3-4, and always attracts our intrepid club photographer, Rob Askegaard. As usual, he returns with some wonderful photos. Along with the ever present American war birds, Rob has included a nifty Russian fighter plane and a recently restored flying wing. Sorry, your editor did not obtain the manufacturer or model numbers. Thanks, Rob. - Ed.



Plane Rap Classified Ads and Services - For Sale

This area of the newsletter is free to club members to sell planes, related equipment, and services. Contact Fred Hesse at fhesse@socal.rr.com with any material that you wish to insert here.

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

Estate Sale

Radio Control Gliders, Radios and Modeling Accessories for sale:

Mrs. Pamela McFadden is selling her late husband's R/C effects. She may be at the Fairview Park field on Saturday 4/19 to try to sell things. Otherwise, she is having a garage sale at her home on May 3rd and 4th. The address is, 21861 Sioux Dr., Lake Forest. CA 92630. Her email address is,

p-mcfadden@hotmail.com - contact her for questions

R/C Gliders (all looked to be in reasonable / ok shape, many have radios installed, links for illustration/reference only)

Sophisticated Lady 2m trainer

http://www.modelairplanenews.com/Media/News/Sophisticated%20Lady_0.jpg

Graupner Cumulus 2000 V-tail sport glider

<http://users.skynet.be/scriv/images/cumulus%202000%20on%20stand.jpg>

Multiplex Easyglider foam sport glider / trainer - e powered with brushed motor / controller

http://plawner.net/pictures/easyglider/images/IMG_4789.jpg

Delta (Zagi style) **flying wing** for slope

Discus Hand launch glider (possibly an Art-Hobby model like a Hybrid-DL, not sure though)

http://www.arthobby.com/index.php?page=item&category=29&sub_category=31&item=258

Miscellaneous glider (?)

Radios (3 to 5 transmitters all on 72Mhz - perfectly legal to use, most installed in airplanes, so make a deal with her for a plane and a radio!)

One radio is a **HiTec Optic 6** which can be easily converted to 2.4 with a spectrum module

[http://i.ebayimg.com/00/s/ODk4WDE2MDA=/z/KFYAAOxyf1dT11DE/\\$_35.JPG?set_id=880000500F](http://i.ebayimg.com/00/s/ODk4WDE2MDA=/z/KFYAAOxyf1dT11DE/$_35.JPG?set_id=880000500F)

Accessories everything else a modeler needs

Tools, glue, bits & pieces, balsa, pushrods, batteries, chargers, radio manuals, highstart, Flight simulator, servo wheels, screws ... lots and lots of stuff.

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)).



HSS Sponsors**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

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.

ROB'S R/C HOBBIES**Sales / Parts / Repair**

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15071 Goldenwest St. Huntington Beach
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(714) 372-3777**

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

Robsrchobbies.com

robsrchobbies@earthlink.net

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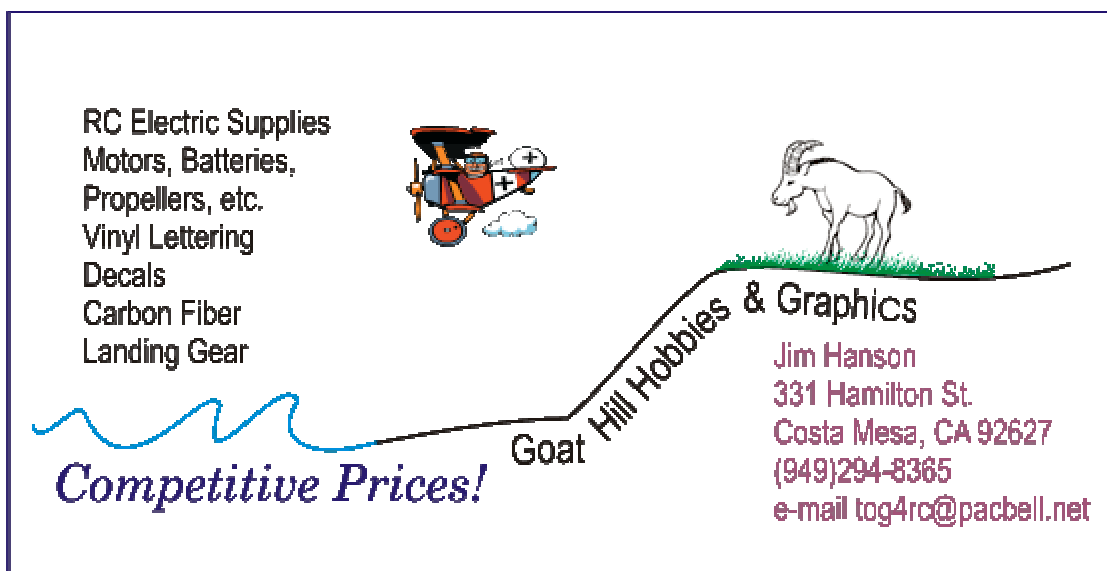
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HSS Sponsors (continued)

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Costa Mesa, CA 92627
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GYRO HOBBIES

Gyro Hobbies has moved from Lake Forrest to Laguna Niguel.

Address: 27601 Forbes Rd #39, Laguna Niguel, California 92677

Phone: (949) 583-1775

Hours: 11:00 am – 6:00 pm

Take the Crown Valley Parkway exit from 5 and turn right. The next right is Forbes Rd. Take it the very end straight into the commerce park entrance. Bear right and the shop is just around the first bend.

www.gyrohobbies.com



HARBOR SOARING SOCIETY MEMBERSHIP APPLICATION FOR 2014

**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) = \$20.00**
- ☐ **SENIOR MEMBER (Renewal W/O Name Tag)(17 years and older) = \$20.00**
- ☐ **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 including future interests):

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. A signature is required from all Harbor Soaring Society members, and applicants, agreeing 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 _____



HSS Sponsors (continued)



CLUB MEMBER NEWS

★ New Products ★ Deals ★ Events ★ Coupons ★

**JULY
2014**

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Hot New Micro!

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Ready To Fly on 2.4GHz
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Wingspan: 13.75in
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2.08oz/sq.ft.



2.4GHz
Includes:
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with built-in battery charger

On Sale! 59⁹⁹





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- Size: 1.10x.52x1.17in

Item # 474513, Reg \$19.99

Limit 6 per person. One-time purchase.

SAVE \$6.00

13⁹⁹

*Valid July 1 through July 31, 2014 — Retail store sales only, must present coupon at time of purchase for discount. Cannot be combined with other offers.

Find A Store: 1-866-HOBBY4U

hobbypeople.net



HARBOR SOARING SOCIETY OFFICERS FOR 2014

President	Jesse Calleros	714-543-0581	jesscall@sbcglobal.net
Vice President	Henry Smith III	714-322-6537	henry.smith.3@earthlink.net
Treasurer	Jim Hanson	949-294-8365	tog4rc@pacbell.net
Secretary	Ted Broberg	714-235-6430	tbroberg@earthlink.net
General Director	Henry Smith III	714-322-6537	henry.smith.3@earthlink.net
Contest Coordinator	Open		
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	Fred Hesse	714-963-5838	fhesse@socal.rr.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 JULY 1, 2014, AT ROUND TABLE PIZZA, 11095 WARNER AVE.
HUNTINGTON BEACH, GENERAL MEETING 7-9 PM.**

**BRING YOUR FAMILY, WIFE, AND FRIENDS FOR DINNER. WE WILL FEATURE 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.**

