



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

June 2013

Volume 50

THIS MONTH'S HEADLINES

**7th Annual Scale Squadron Fly-in at Prado Airpark in Chino.
June 7-9. Randy Wilbur Event Director. See Page 18 for details.**

Plane Rap Index

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Coming Events and Soaring Competitions June - August 2013

- Sat-Sun June 1-2. RCX Exposition. Long Beach Convention Center. See P.9.
- Tuesday June 4. HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. General meeting, 7 PM. Exec meeting, 6:00. See P.7.
- Fri.-Sun. June 7-9. Scale Fly-In. PVMAC Prado Air Park, Chino. See details on P.18.
- Sunday June 15-16. Sixth 2013 SC2 soaring competition. Hosted by SULA. 2-day MOM. See notes on P.13, or web site <http://sc2soaring.com>.
- Tuesday July 2. HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. General meeting, 7 PM. Exec meeting, 6:00. See P.7.
- Sunday July 21. Seventh 2013 SC2 soaring competition. Hosted by HSS at SWSA. See notes on P.15, or web site <http://sc2soaring.com>.
- Tuesday Aug 6. HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. General meeting, 7 PM. Exec meeting, 6:00. See P.7.

General Meeting Minutes for May 7, 2013**1. Business Session:**

Meeting was held at Round Table Pizza in Fountain Valley, and was called to order at 6:05 p.m. by Fred Hesse. Two officers were at the Costa Mesa City Council meeting that had on its agenda the renewal of our Use Permit. Officers in attendance were Vice President Jesse Calleros, Treasurer Dennis Anderson, Newsletter Editor Fred Hesse, and Secretary Ted Broberg, as well as Jim Sonnenmeier, Ross Thomas, Joni Whitsitt, Randy Wilbur, "Taz" and Linda Ellyson, John Anderson, Ken Downs, Bob Voss, Gary Gough, and John Krug,

-- Fred brought up a list of topics that we should consider. See General Meeting minutes.

· In a discussion of a May 7th E-mail from Costa Mesa city hall, comment was made that the city plans not only a parking lot, but a baseball field and a soccer field to be built after Harbor Soaring Society is evicted from Fairview Park. These are issues that need to be addressed soon.

-- Joni: We need to work with the Orange County Model Engineers (OCME) group, as they have been selected for the citizens committee to revise the Fairview Park master plan, where HSS was not allowed on the committee. Note that OCME is up for a renewal of their 25 year permit in several months.

-- Randy: June 7-9, 7th annual Scale Squadron Fly-in; Pomona Valley Field (Prado Airpark, Chino). **Fliers and Helpers wanted.** "Bring anything that looks Scale." He suggested that Rob A. might want to offer his beautiful photos for sale to the owners/fliers of these scale planes. Print up some nice business cards, Rob!

2. General Session:

Called to order at 7:00 p.m. by Vice President Jesse Calleros. Also In attendance were John Rittenhouse, Sid Hood. Henry Smith, General Director, came in late after attending the City Council meeting. See item M, below.

A. PROGRAM: Jesse showed photos taken at the AMA Convention in January, and from the April 15th MCAS blimp hangar, while Jim Sonnenmeier provided commentary.

B. Second Workshop at Blimp Hangar will be Wednesday, May 22, 5:30-7:30 p.m. Watch for an email blast. If you wish to attend, contact Fred by Monday, May 20.

C. Today is the Costa Mesa City Council meeting where we are to be told of our renewal application for the Use Permit.

D. We are working toward getting the support of Costa Mesa residents. Henry Smith went to the City Hall to get the names of Park Flying Permit holders who live in Costa Mesa (a matter of public record), and was denied that request.

E. Moved and seconded that we put up a sign requesting fliers who live in Costa Mesa to sign up., whether HSS members or not. Move was carried. Who will do this?

F. John Anderson: UCI's team took first place in the AIAA Heavy Lifter model design contest! This drew participants from all over the world! Yeah, Team! The UCI team used the HSS field for project development flight testing.

G. John Krug mentioned that there is a huge area near Canyons College. This deserves a look-see as a possible alternate flying area.

H. Outreach: John A. spoke recently with a woman at the Vet's Center. She said they would LOVE to learn to fly model planes.



General Meeting Minutes for May 7, 2013 (Continued)

I. John Anderson felt that the HSS tri-fold brochure should it be redesigned and up-dated. Moved and seconded to produce a new issue, perhaps shaded toward an older target age segment. Carried. Jessie and John A. were assigned.

J. John A.: Challenge to the club to make the effort to enlarge our sphere of influence, and attract a broader clientele: younger, females, college students in one of the aeronautics classes/- Broader member participation; and better "policing" of rule violators.

K. Taz Ellyson has been attending a Wounded Warriors group that is passing World II vets' experiences of the War to this generation's youth. They are very interested in anything about flying and airplanes. Community Center at Lyons Park is where they meet. Contact Taz if you're interested. First Wednesdays.

L. John A. returned to his topic: Any more ideas for increasing our sphere of influence? Greater "visitor" facilities. John suggested building visitor bleachers. Taz suggested:asking an Eagle Scout group to make some visitor seating. Put up some sun shades.

M. Henry Smith 3 announced by phone that we have been granted the one-year Use Permit extension. See his note, item P below. Due to the dilatory nature of city hall, this permit concludes at the end of this year.

N. Regarding the Rule Busters, remind them that the fee for flying without a permit is about \$300, and the Rangers have been enforcing the rules.

O. Jesse showed two foamie planes that he is donating to someone to give to young people who come by and show interest. Thanks, Jesse.

P. Henry 3 came over after the Council meeting to report: "Two members of the City Council asked that our renewal request be pulled out for discussion, and they both asked that we be given a five year extension. We owe these two some big compliments. We will need to work hard to keep the use of the field. We'll have to gather some support. WE ARE IN JEOPARDY. OBEY THE RULES." He suggests that we take pictures of violators, and note the date and time, with a description of the violation. A report can be given to the police/rangers.

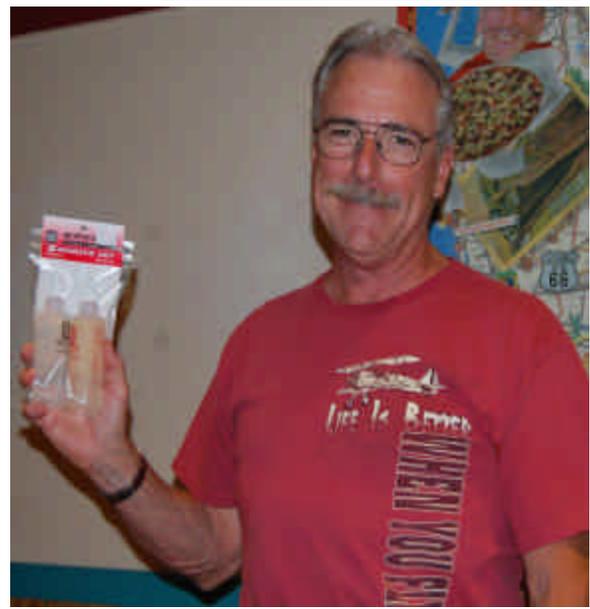
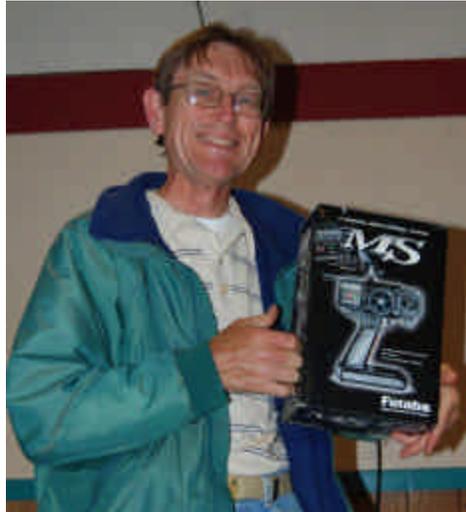
Show and tell: Henry 3 showed his new Steven's Aero RV-4, and described the fine laser-cut pieces. "It's like a small Proctor.

Raffle:

DONOR,	Prize:	WINNER'S NAME
HOBBY PEOPLE FOUNTAIN VALLEY	Battery Safety Bag	LINDA ELLYSON
HOBBY PEOPLE FOUNTAIN VALLEY	Battery Safety Bag	TED BROBERG
HOBBY PEOPLE FOUNTAIN VALLEY	Kwik Bond 9 oz.. 5-minute Epoxy set	GARY GOUGH
HENRY SMITH	Futaba 2 CH surface radio	SID HOOD
ANONYMOUS	54" built-up wing,	JOHN KRUG
	Regifted to	ROB ASKEGAARD
DON RAMSAY (deceased)	APACHE 2500 LiPo Smart Charger	JIM SONNENMEIER
HENRY SMITH	54" Jetstream Glider,	MIKE FOX

Meeting adjourned at 8:40 P.M. Respectfully submitted, Ted Broberg, Secretary

General Meeting Minutes for May 7, 2013 (Continued)



HSS Gold Level Leader Club Status for 2013

As part of our annual AMA charter club renewal application, we are required to update our performance of Leader Club requirements. Here is the AMA reply.

Academy of Model Aeronautics

5161 East Memorial Drive
Muncie, Indiana 47302



May 2, 2013

Harbor Soaring Society
Henry A. Smith III
2002 Nantucket Place
Tustin CA 92780

Dear Harbor Soaring Society:

We have received your 2013 Leader Club Currency Report and confirmation of your continuing Gold Leader Club status.

Please note that replacement Leader Club pins for new club members must be prepaid and they are \$3.00 each. If you still wish to order pins, please send a check or money order to the Academy of Model Aeronautics, Attention, Erin Dobbs 5161 East Memorial, Muncie, IN 47302.

We appreciate your clubs participation and dedication and we look forward to working with you in 2013.

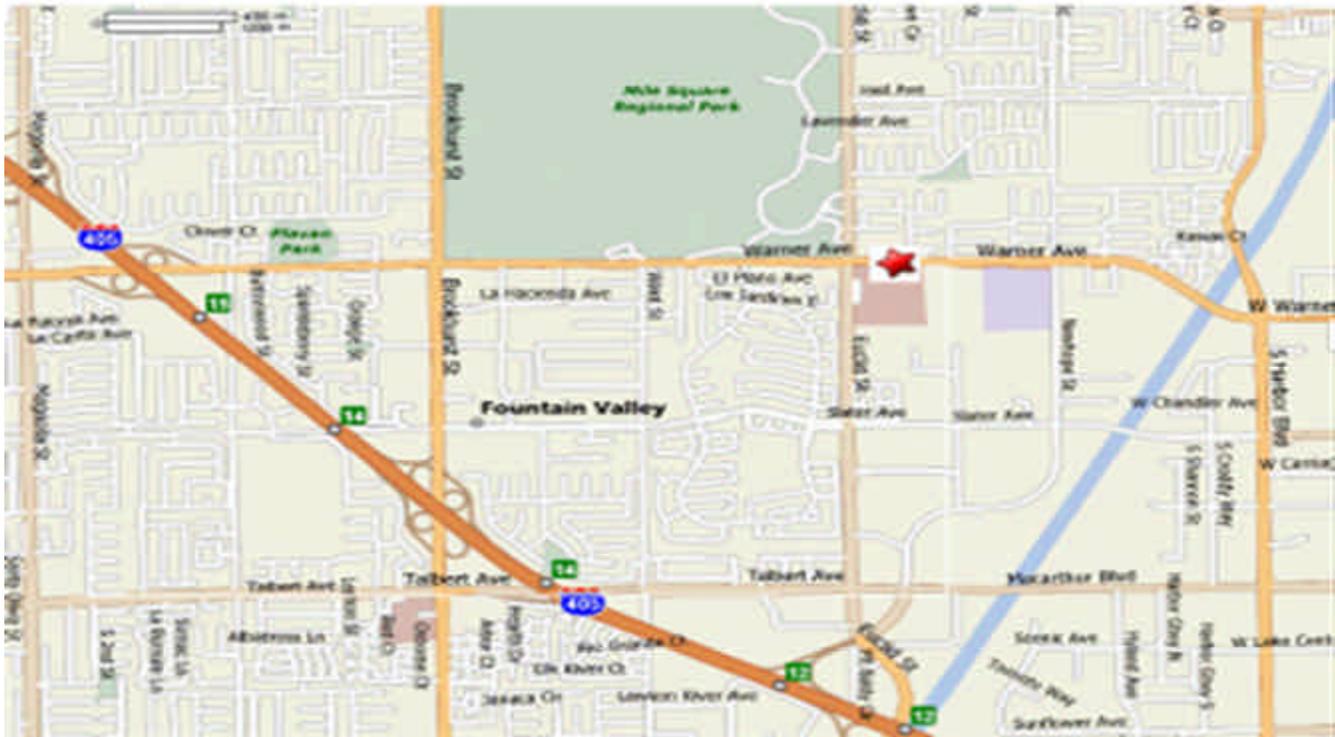
Sincerely,

Erin Dobbs
Marketing Partner Lead
erind@modelaircraft.org
(765) 287-1256 Ext. 272



General Meeting Announcement For June 4th, 2013

General meetings will maintain our regular schedule with the next meeting on the first Tuesday June 4th 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. Jesse Calleros is planning a surprise presentation. Time will be allowed for show-and-tell of your favorite plane. Bring your wife, family, friends, etc. There will be a raffle. The location is shown in the map below. The executive/steering committee meeting begins at 6:15 PM.



2013 HSS Membership

Our 2013 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. 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 paid. And, don't forget your City of Costa Mesa Flying Permit. Details are shown on page 10 of this newsletter.

AMA District X Website

The following is taken from the July 2011 edition of "AMA Today", the electronic membership newsletter. 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.



Celebrate the First Annual National Model Aviation Day

This article was distributed in the AMA's electronic newsletter. It is a great idea for a club activity. We could plan an air show with content similar to what was proposed for the Fairview Park Fish Fry.

To celebrate the storied history of model aviation, AMA chartered clubs are encouraged to take part in the first annual National Model Aviation Day on August 17, 2013. National Model Aviation Day will be a great opportunity to introduce model aviation to your friends and families. For this inaugural year, we're asking that clubs who host an event do so in support of the [Wounded Warrior Project](#). Wounded Warrior's mission is to raise awareness and enlist the public's aid for the needs of injured members of the US Military and to provide programs and services to help support our country's injured heroes. Register your club today to gain access to the club resources page-developed to provide clubs with inspirational ideas for making your event a success. Thank you to the clubs that have already registered to support the special day and for helping AMA promote model aviation.

Tustin Hangar Second Public Workshop Report

This is a report on the 2nd Public Workshop for the Tustin Regional Park (often referred to as the Tustin Blimp Hangar).

First, I want to thank the over 80 enthusiasts that showed up for the first workshop on April 15. We made a tremendous impact on the planning group. Thanks for your inputs to them.

The 2nd workshop was held on 22 May, with the presentation of the initial plans for the new park. Because of your comments, model aircraft was included in 5 different places in their presentation. This is good, but we now want to reinforce and detail our desires. Eight HSS members attended the second workshop, and made inputs at that time. However we now have a great opportunity to really bring in our message.

The park planners had many pages of detail for their initial plans. This 50 page document is on the OC Parks website, www.ocparks.com. You now have the opportunity to review this document at your leisure, and submit your own ideas.

Here is what we need you to do. After reviewing the document, respond with your own E-mail to tustinmcas@ocparks.com. Tell them that you like the park plan, and include some complementary comments. Next, re-affirm that you support use of the hangar for indoor model aircraft, and also outdoor model flying. Finally, include your own suggestions. While the outdoor model flying was not our primary goal, it turns out they received requests for outdoor control line flying, outdoor R/C gliders and electric planes, and free flight model aircraft, and have shown it included in their plan. While a specific location was not shown, we saw notes suggesting that the south event space made up of the "South Plaza" and "Hangar Meadow" were being considered (Pages 29 and 40). This is a very nice concrete area for control line and electric RC runway. Immediately adjacent (the meadow) is all grass and flying could extend out over what they call "Linear Park" (a future development). A great place for sailplanes! Suggest that only a limited number of trees be placed in this area.

Be positive, be constructive, and most of all be heard. This can work, as we see a very supportive attitude in all the planners.

When you submit an E-mail, copy Fred Hesse at fhesse@socal.rr.com. Thanks.



ALES Competition Hosted by ISS, 8 June 2013

On Saturday, June 8, 2013, Inland Soaring Society presents the ISS 2013 ALES Challenge.

\$10.00 entry fee. Rules are by the AMA Provisional rules for ALES.

All models must use an Altitude/timer device. Altitude set for 150 meters.

Up to 10 models per heat. Open field launch position, set field landing. Simultaneous launch.

Production Foamie class: Any manufactured foam bodied electric sailplane allowed, limited to 3-cell battery pack, 11.1 volts max.

Awards to 5th position. First flights at 8:30am. AMA required.

For more information contact Mike Lee mlee8249@msn.com 951-733-8621

Location: Ab Brown Sports Complex. 3700 Placentia Lane. Riverside 92501

Inland Soaring Society <http://www.glideiss.us/>

CVRC Bent Wing Competition Results

Todd MacAndrew just provided this report on the Central Valley RC Club Bent Wing Contest held on May 4-5.

Ross Thomas and myself recently (last weekend) made the trip up to Visalia to represent HSS and to participate in the annual "CVRC Bent Wing" competition. Being the Bent Wing competition, only two classes of planes were flown - RES & Woody. Ross flew Woody only, while I flew both RES & Woody.

The scores were recently posted on RCSoaring.com. Ross placed 11th out of 15 in Woody. I placed 10th out of 38 in RES, and 9th out of 15 in Woody.

Thanks for the report, Todd. - Ed.

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. The details appear on pages 14 and 15 of the April 2012 issue of Model Aviation. 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 actively support the AMA especially in this endeavor.

Collings Foundation War Birds

Our club photographer, Rob Askegaard, just loves the old war birds, and since Collings Foundation was making their annual tour, Rob was right there at Lyons Museum at John Wayne Airport. Rob has supplied



Collings Foundation War Birds (Continued)

three photos, two at Lyons, showing the B-17G (Old Nine-0-Nine) and the P-51 B mustang, outfitted for a pilot and a passenger. The B-24 Liberator was caught flying over Fairview Park.



2013 RCX Exposition

The Radio Control Expo (RCX) is returning to the Long Beach Convention Center. The schedule is as follows:

Saturday, June 1, 2013	10am – 6pm
Sunday, June 2, 2013	10am – 4pm

Tickets

General Admission Tickets: \$15 at the door (Children under 12 are free)
 \$5 off when purchased on line at www.rcx.com

Location:

Long Beach Convention Center, 300 E. Ocean Ave. Long Beach, CA 90802



Cessna/Raytheon/AIAA Foundation Design, Build, Fly Competition

HSS graciously provided our flying field as a test facility to the University of California Irvine Design, Build, Fly competition team for their entry. Here is a brief report and the results.

The 2013 AIAA/Cessna Aircraft Company/Raytheon Missile Systems Design/Build/Fly Competition Flyoff was held at TIMPA Field in Tucson, AZ on the weekend of April 19-21, 2013. This was the 17th year the competition was held. Of the 90 entries this year, 81 teams submitted written reports to be judged and were eligible to participate in the flyoff. Sixty teams attended the flyoff, of which 55 completed the technical inspection (five teams attended even though their airplanes had irreparable damage prior to the competition). Over 600 students, faculty, and guests were present. The weather was sunny and warm allowing for non-stop flying. Of the 186 official flight attempts, 95 resulted in a successful score divided among 54 teams. Twelve teams successfully completed all three missions. The quality of the teams, their readiness to compete, and the execution of the flights continues to improve each year.

The contest theme this year was the Joint Strike Fighter. The first mission was a Short Take-off mission with no payload followed by a Stealth mission with internal payload only and a Strike mission which consisted of 6 possible payload configurations with various combinations of internal and external stores. The configuration for each mission 3 attempt was determined by a role of the dice by each team immediately prior to their flight attempt. As usual, the total score is the product of the flight score and written report score. More details on the mission requirements can be found at the competition website: <http://www.aiaadbf.org>.

First Place went to the University of California Irvine, Second Place went to San Diego State University and Third Place went to Rensselaer Polytechnic Institute. A full listing of the results is included below. The Best Paper Award, sponsored by the Design Engineering TC for the highest report score, went to Cornell University with a score of 96.00.

A Little Touch of Humor

The first F-117 stealth fighter goes to the Arizona bone yard.



Seen Around the Glider Field

This month we have a great collection of glider photos.

Our club photographer did not get a lot of detail on the pilots and planes, but these are nice photos, and we all know who you are.

Photos courtesy of Rob Askegaard. Thanks, Rob. - Ed.



Seen Around the Field (Continued)

Saberjet. This has flaps, retracts, drop tanks, and air brakes.

Below is President Walt Cloer with his un-named motor glider with retracts.

Below right is a Spad 13, unknown pilot.

Bottom left is Ken Downs giving flight instruction to Gene Gerde with his Super Cub.

Bottom right is Jack Alger's De Havilland Beaver.

All photos courtesy of our outstanding club photographer, Rob Askegaard. Thanks Rob, you make the newsletter! – Ed.



History of the Tustin Blimp Hangar

The Tustin web site has a very interesting video on the history of the blimp hangar. It is somewhat lengthy, 20 to 30 minutes, but has spectacular footage not seen previously. Lots of details on the hangar designer, photos of construction, the disaster when one partial arch came crashing down due to wind, and historical flying footage. Go to www.tustinca.org. On the left hand side of the home page towards the bottom, look for a link titled "The Tustin Hangars: Titans of History".

2013 City Flying Permits Available Now

Robert Staples has sent us the announcement (below) stating that City Flying Permits for 2013 are available now for the new price of \$25 per year. Remember to bring your new AMA license. Note that renewal by mail is now allowed. Submit application (available on line), copy of AMA license, and payment.

RENEWAL NOTICE:

The City of Costa Mesa will be accepting renewals for the 2013 Flying Permits beginning about October 20, 2012, at the following locations:

Costa Mesa City Hall (77 Fair Drive, Costa Mesa 92626) – 3rd floor Recreation Counter, during regular business hours from 8:00am – 4:30pm (excluding City observed holidays). Call 714-754-5300 for details.

Temporary permits are issued at the Downtown Recreation Center (1869 Anaheim Avenue, Costa Mesa 92627) between the hours of 10:00am – 1:00pm on Saturdays. For information, call 714-327-7560.

Joyce M. Santos Administrative Secretary - City of Costa Mesa - Recreation Division
77 Fair Drive, Costa Mesa 92626 Phone: 714-754-5009 Fax: 714-754-5166

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 Field Rules which are all posted at Fairview Park and on our web site at www.1hss.org. You do not need to be a Harbor Soaring Society member (but it is good to have you join us).

SC2 Competition Schedule for 2013

Here is the schedule for your Southern California Soaring Clubs (SC2) monthly contests for 2013. Check the SC2 web site at <http://sc2soaring.com/> for further details and competition results. Check individual club web sites for directions to their flying field.

2013 Contest Schedule

March 17, 2013 Hosted by VVRC	August 18, 2013 Hosted by ISS
April 21, 2013 Hosted by TPG	September 15, 2013 Hosted by VVRC
May 19, 2013 Hosted by TOSS	October 27, 2013 Hosted by DSH at TPG
June 15-16, 2013 Hosted by SULA (2-day MOM)	November 17, 2013 Rain Date
July 21, 2013 Hosted by HSS at SWSA	Dec. 2013 Toys for Tots Hosted by SULA & DSH

SWSA - Silent Wings Soaring Association - West Covina – www.silent-wings.org

VVRC – Victor Valley RC Flyers – Victorville – <http://www.vvrcf.org>

ISS - Inland Soaring Society - Riverside – www.glideiss.us

TPG - Torrey Pines Gulls - Torrey Pines, San Diego – www.torreypinesgulls.org

TOSS - Thousand Oaks Soaring Society - Thousand Oaks – www.toss.freesevers.com

SULA - Soaring Union of Los Angeles - San Pedro – www.sulaclub.org

HSS – Harbor Soaring Society – Cost Mesa – www.1hss.org

DSH – Downey Soar Heads – Downey



SC2 Competition Results for April 21, 2013

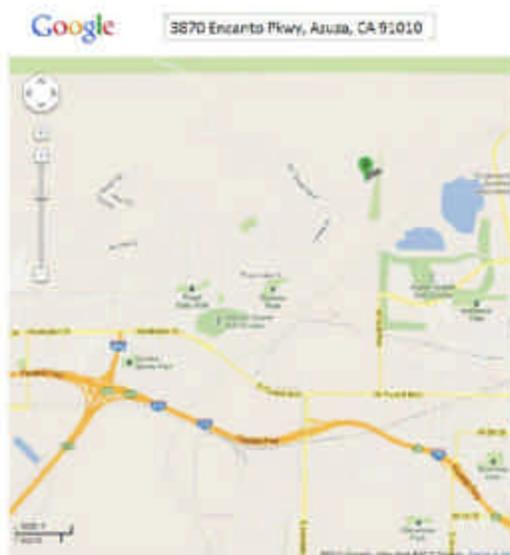
The fourth SC-2 soaring competition was held on Sunday April 21 at the Torrey Pines Gulls Encinitas Flying Center. In Sportsman class, Todd MacAndrew took second, Erv Szego, took third. Bruce Shaeffer took fifth and Ross Thomas took eighth in a very competitive RES class, and Alberto Dona took eighth in Intermediate class. Congratulation guys. Sorry but the May 19 results have not been posted.

Note that on Sunday July 21, HSS hosts the 7th SC2 interclub competition, courtesy of Silent Wings Soaring Association at their Fish Canyon field in West Covina. HSS members are needed to assist with the event. If you can help, contact Contest Director Jim Sonnenmeier. See announcement on following page.

Sorts	Data Entry Form=Ctrl f	PID=Ctrl p	No changes. Data entries only.	Don't UNPROTECT this sheet. DON'T!	Trophies=Ctrl t	Do not use this space.	Norm=Ctrl n											
SC-2 Contest # 4			Hosted By TPG			Do not use this space.	Contest Entries											
Encinitas Flying Center TPG			Contest Director Keith Finkenbiner				52											
April 21, 2013			Scorekeeper Cliff Hunter															
Precision Duration Format				Round 1, mins.			Round 2, mins.			Round 3, mins.			Round 4, mins.			SCORES		
PID	Pilot	Club	Class	T1	L1	S1	T2	L2	S2	T3	L3	S3	T4	L4	S4	Total	Norm	
436	Reagan, Mike	TOSS	RES	7.58	94	990.3	10.01	93	991.5	10.00	100	1000.0				0.0	2981.8	1000.0
110	Garland, Steven	ISS	E	8.00	98	998.0	10.00	89	989.0	10.00	91	991.0				0.0	2978.0	998.7
128	Paulson, Kyle	TOSS	E	8.00	77	977.0	10.00	82	992.0	10.00	100	1000.0				0.0	2969.0	995.7
143	Vera, Edgar	SWSA	E	8.05	98	988.6	9.58	90	987.0	10.01	94	992.5				0.0	2968.1	995.4
418	Jolly, Larry	TPG	RES	7.59	92	990.1	9.59	88	984.5	10.01	90	988.5				0.0	2963.1	993.8
420	Markiewicz, Arthur	TPG	RES	7.59	85	983.1	10.02	91	988.0	10.00	91	991.0				0.0	2962.1	993.4
434	Thonet, Andy	SWSA	RES	7.55	98	976.6	9.58	94	991.0	9.55	94	986.5				0.0	2954.1	990.7
107	Filice, Gary	TOSS	E	8.01	87	985.1	9.58	78	975.0	9.58	95	992.0				0.0	2952.1	990.1
204	Borer, Dan	SWSA	Int	8.00	91	991.0	9.52	90	948.0	10.01	87	985.5				0.0	2924.5	980.8
142	Throop, Terry	SULA	E	7.57	73	967.4	10.00	79	979.9	10.00	75	975.0				0.0	2921.4	979.8
152	Fitzgerald, Dan	TPG	E	6.56	87	867.0	9.59	91	989.5	9.59	88	986.5				0.0	2843.0	953.5
115	Hunter, Clifford	TPG	E	7.44	0	870.0	10.00	88	988.0	9.59	82	980.5				0.0	2838.5	952.0
144	Watson, Tom	TPG	E	6.33	89	825.9	10.02	70	967.0	10.01	91	989.5				0.0	2782.4	933.1
103	Cavazos, Robert	ISS	E	8.00	81	981.0	10.00	97	997.0	8.12	64	802.0				0.0	2780.0	932.3
151	Larsen, Erik	TPG	E	5.56	97	764.5	10.04	89	983.0	10.01	87	985.5				0.0	2733.0	916.6
448	Shaeffer, Bruce	HSS	RES	7.58	85	981.3	8.55	0	802.5	9.36	81	945.0				0.0	2728.8	915.2
158	Lueken, James	TOSS	E	8.01	81	979.1	9.58	88	983.0	6.20	88	658.0				0.0	2620.1	878.7
215	Skube, Mike	TPG	Int	8.00	82	982.0	10.01	88	986.5	6.06	86	635.0				0.0	2603.5	873.1
141	Thonet, Andy	SWSA	E	7.58	0	896.3	7.11	95	741.5	9.58	64	962.5				0.0	2600.3	872.1
220	Behm, Chris	TPG	Int	8.03	74	968.4	9.58	96	993.0	5.43	80	603.5				0.0	2564.9	860.2
145	Reagan, Mike	TOSS	E	8.00	88	988.0	8.15	99	841.5	8.51	97	713.5				0.0	2543.0	852.9
409	Cavazos, Robert	ISS	RES	4.58	0	558.8	10.00	97	997.0	9.59	83	981.5				0.0	2537.3	850.9
122	Lee, Mike	ISS	E	7.09	79	883.4	10.00	99	999.0	6.34	61	652.0				0.0	2534.4	850.0
124	Markiewicz, Arthur	TPG	E	8.02	94	990.3	8.16	0	564.0	9.33	87	946.5				0.0	2500.8	838.7
112	Gomez, Manny	ISS	E	6.53	77	851.4	10.01	99	997.5	6.06	80	629.0				0.0	2477.9	831.0
102	Brooks, Tony	SWSA	E	6.53	97	871.4	10.02	97	994.0	6.34	0	591.0				0.0	2456.4	823.8
223	Cavazos, Kerry	ISS	Int	3.40	83	495.5	10.00	77	977.0	10.01	69	967.5				0.0	2440.0	818.3
111	Gomez, George	ISS	E	3.49	0	429.4	10.03	99	994.5	10.01	69	967.5				0.0	2391.4	802.0
117	Jolly, Larry	TPG	E	8.00	95	995.0	9.57	36	931.5	5.03	0	454.5				0.0	2381.0	798.5
139	Stewart, Ed	ISS	E	5.39	93	728.6	9.33	85	944.5	8.42	99	702.0				0.0	2375.1	796.6
121	Le, Tuan	HSS	E	7.50	0	881.3	8.23	0	754.5	8.08	0	732.0				0.0	2367.8	794.1
325	Ward, Les	ISS	S	8.02	0	896.3	9.42	25	886.0	4.31	80	486.5				0.0	2280.8	764.9
226	Canfield, Mark	TPG	Int	8.03	79	973.4	4.54	99	540.0	7.20	95	755.0				0.0	2268.4	760.8
210	Hurd, Steve	TPG	Int	8.53	51	825.4	9.01	48	859.5	5.09	50	500.0				0.0	2184.9	732.7
509	Bahm, Chris	0	2-M	7.59	95	993.1	8.13	91	650.5	5.58	0	537.0				0.0	2180.6	731.3
316	MacAndrew, Todd	HSS	S	7.51	0	883.1	7.36	80	764.0	5.25	0	487.5				0.0	2134.6	715.9
128	Morjoseph, Mike	SWSA	E	3.32	93	490.5	6.30	34	619.0	9.55	88	980.5				0.0	2090.0	700.9
444	Northern, Don	TOSS	RES	5.19	0	598.1	4.39	67	485.5	9.58	94	991.0				0.0	2074.6	695.8
407	Brooks, Tony	SWSA	RES	3.07	0	350.6	9.59	70	968.5	6.02	74	617.0				0.0	1936.1	649.3
224	Anderson, Major	SWSA	Int	8.02	0	896.3	9.54	67	958.0	0.00	0	0.0				0.0	1854.3	621.9
106	Dora, John	ISS	E	3.34	85	486.3	9.57	16	911.5	3.22	91	394.0				0.0	1791.8	600.9
433	Thomas, Ross	HSS	RES	5.29	69	685.9	3.19	60	358.5	6.07	98	648.5				0.0	1690.9	567.1
118	Khani, Ali	SULA	E	7.21	90	916.9	7.19	0	656.5	0.00	0	0.0				0.0	1575.4	528.3
323	Szego, Erv	HSS	S	2.11	95	340.6	3.14	96	387.0	8.28	70	832.0				0.0	1559.6	523.1
446	Filice, Gary	TOSS	RES	3.46	0	423.8	9.54	95	976.0	0.00	0	0.0				0.0	1399.8	469.4
132	Corzo, Alvaro	TPG	E	3.00	21	358.5	8.08	0	732.0	3.25	0	307.5				0.0	1398.0	468.9
109	Finkenbiner, Keith	TPG	E	8.04	85	977.5	3.28	78	390.0	0.00	0	0.0				0.0	1367.5	458.6
219	Dona, Alberto	HSS	Int	1.53	77	288.9	3.50	0	345.0	3.46	0	339.0				0.0	972.9	326.3
160	Vance, Jon	TPG	E	2.35	89	379.6	2.33	80	309.5			0.0				0.0	689.1	231.1
227	Thacker, Bob	0	Int	1.38	0	183.8			0.0			0.0				0.0	183.8	61.6

SC2 Event Announcement Sponsored by HSS**Harbor Soaring Society Invites you to the July SC2 Contest at SWSA**Website: <http://www.1hss.org>**Date:** Sunday, July 21, 2013**Location:** Fish Canyon, 3870 Encanto Pkwy
Azusa, CA 91010**Field:** Gravel / Carpet**Contest Director:** Jim Sonnenmeier
(814)490-9957
jrs36psu@gmail.com**Sign up:** 8:15 AM
Pilots Meeting: 8:45 AM
Contest Start's: 9:00 AM**Entry Fee:** \$10.00 Each Class – Open, RES, 2-m and ALES
Free for NOVICE and AMA Juniors & Seniors (18 yrs and younger)**Carpet-friendly landing aids are required (no metal)**
Damage to the carpet on landing will result in Zero Flight Score**TASKS:** 3 Rounds of Precision Duration – flights each worth 900 points – landing 100 points
Round 1: 7 Minutes, Rounds 2&3: 10 Minutes – For a total of 27 Minutes – Open flight order
2 Winches with retrievers, approximately 460' to turnarounds, 7200 square foot carpet landing zone
ALES will launch parallel to winch corridor. Height limited to 150 meters by limiting device.**AWARDS:** Expert, Intermediate, Sportsman and RES – 1st thru 3rd place
Woody, 2-m and ALES – 1st place only**RULES:** AMA required, All 2013 SC2 Rules apply No Flying over launch area below launch height

Restroom available on site



GPS 34° 9'14.86"N, 117° 55'35.01"W

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

Do not drive on the carpet landing zone or electric runway.See SWSA website for more field info
<http://www.silent-wings.org/stc/about.html>

Plane of the Month - A Pair of Pretty Partenavias

Our featured models of the month are a pair of pretty Partenavia's, one built by Ken Blasius, and shown at right. The other is your editor's plane shown on the next page.

Ken's plane is a Graupner ARF, which strangely could not be found on the internet, except in German terminology. It is a great flying model as shown in the inverted fly by.

All photos are by Rob Askegaard. Thanks, Rob.



Plane of the Month - A Pair of Pretty Partenavias (Continued)

Your editor just loves this plane, and built a 1.5 meter version back in 2009. This is a foamie produced by Conzelmann Modeltechnik. Power is powered by a pair of brushed 480 can motors that gave good power and long service (surprisingly). Ice crème spoon air scoops were added on the sides to facilitate ESC cooling. It was given a very nice finish by sanding all of the mold marks off, then filling all surfaces with light Spackle. Next a water soluble primer was used, and the finish incorporated a water soluble latex spray paint made by Krylon. The graphics are large, sticky-back vinyl, including the ones covering the entire top of the wing.

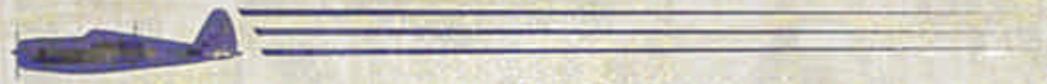
This may be out of date, but this model was purchased from Ducted Fans.com , PO BOX 13848 Fairlawn, OH 44334. Phone 330-872-8381. Cost was \$160 without motors.

Again, thanks to Rob Askegaard for the photos.



Scale Fly-in, June 7-9, Prado Airpark, Chino

Randy Wilbur is Event Director for the annual Scale Fly-in at the Prado Airpark in Chino. This is a great opportunity for HSS members to fly their large scale models that might be too heavy for Fairview Park. Details are shown below.



SCALE SQUADRON OF SOUTHERN CALIFORNIA

7TH ANNUAL

SCALE FLY-IN

7, 8, 9 JUNE 2013, PRADO AIRPARK, CHINO, CA

“All Hail to Scale!” 

Spectators Welcome! Free Admission!
\$30.00/Pilot Landing Fee, Includes Parking. No Hook-Ups Camping: \$10.00.

"Attention Pilots!"

- Scale Aircraft Only
- Free Pilots-Only Gas Card Giveaway
- Free Pilots-Only Giveaway Drawing
- Free Event T-Shirt for the First 75 Pilots (subject to size limitations)
- Current AMA Required
- 9 Awards Presented:
 - ★ Commander's Award
 - ★ Best Jet
 - ★ Best Biplane
 - ★ Best Military Prop
 - ★ Best WW-I
 - ★ Best Civilian
 - ★ Best Multi-Engine
 - ★ Best Detailed ARF
 - ★ People's Choice
- **NOTE:** No 3D Flying. No Turbines.

Schedule:

Friday: Registration starts at noon. Open flying with PVMAC club members.

Saturday: Registration starts at 7:30 a.m.. Pilots' meeting at 8:30. Noon-time demonstrations.

Saturday Night: Pilot's banquet—only \$20.00 per person for food, fun, and song! And the FAMOUS Squadron Hobby Auction!

Sunday: Flying starts at 8 a.m.. Awards at 10 a.m.. Event flying until 2 p.m..

Food will be available on site for purchase

Details & Registration:
scalesquadron.com

Director: Randy Wilbur
 (949) 883-9662
events@ScaleSquadron.com

SPONSORS:
 Hobby People, Airtronics, Horizon, Zap, Great Planes, Goodwings Glass, Gyro Hobbies



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.

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

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

HSS Sponsors

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

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

Robsrchobbies.com

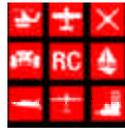
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HSS Sponsors (continued)



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HARBOR SOARING SOCIETY MEMBERSHIP APPLICATION FOR 2013

**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 _____

Rev: 8 January 2013



HSS Sponsors (continued)



CLUB MEMBER NEWS

★ New Products ★ Deals ★ Events ★ Coupons ★

**June
2013**

HP HELI'S
RTF MULTI ROTOR
R/C HELICOPTER



QUAD

It's Bigger.
It's Better!

**NEW!
QUAD HAS JUST
ARRIVED!**

**FLIPS IN ANY
DIRECTION**

**SIX AXIS
STABILIZATION**

Blade Diameter: 5.3in
Airframe Dia.: 11.25in
Flying Weight: 3.5oz

Fly outdoors!
Fly indoors!

Fly at night!
QUAD has
LED lights!

ANYONE
CAN FLY A QUAD!

*Quad is
available
with digital
camera!*

Shoots **640x480** standard definition motion picture,
and **1280 x 960px** (96dpi) still images which are saved
on a 1 GB Micro SD memory card! Use the included USB
cable or transfer the Micro SD card to your PC or Mac.

Specifications:

- 3.7V Li-Po Battery (Rechargeable)
- Flying Time: Approximately 7 Minutes
- Charge Time: Approximately 120 Minutes
- Battery is Removable and Extra Batteries are Available
- Blade Diameter: 5.3 Inches
- Quad Frame Span: 11.25 Inches
- Flying Weight: 3.5 ounces
- Requires 4 AA batteries



Radio System



Li-Po Battery



Li-Po Charger



4 Powerful Motors



Extra Blades

<p style="font-size: 1.5em; color: green; text-align: center;">QUAD</p> <p style="text-align: center;">Without Camera No. 163142, List \$140.00 Only 89⁹⁹</p>	<p style="font-size: 1.5em; color: green; text-align: center;">QUAD</p> <p style="text-align: center;">With Camera No. 163144, List \$178.60 Only 119⁹⁹</p>
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Hobby People CLUB COUPONS



**Meter-Long
Heat Shrink Tubing Sale!**

No. 118710 – Heat Shrink 3mm x 1M (1pc Red & 1pc Black), Reg. 3.99
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 No. 118712 – Heat Shrink 5mm x 1M (1pc Red & 1pc Black), Reg. 4.99
 No. 118713 – Heat Shrink 6mm x 1M (1pc Red & 1pc Black), Reg. 5.49

**Your Choice, Only \$1.25ea.
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June 1 through June 30, 2013 -- Retail store sales only, must present coupon at time of purchase for discount. Cannot be combined with other offers.

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AMERICA!**

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11.1V 2200mAh, T-connector



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HARBOR SOARING SOCIETY OFFICERS FOR 2013

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Treasurer	Dennis Anderson	714-531-1320	dba999@pacbell.net
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Contest Coordinator	Henry Smith III	714-322-6537	henry.smith.3@earthlink.net
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	Henry Smith IV	714-865-9624	hank.4th@gmail.com
Assistant Web Admin.	Dick Odle	714-960-5161	thermals1@verizon.net
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 JUNE 4, 2013, AT ROUND TABLE PIZZA, 11095 WARNER AVE.

HUNTINGTON BEACH, GENERAL MEETING 7-9 PM, EXEC MEETING 6 PM.

BRING YOUR FAMILY, WIFE OR GIRL FRIEND (DEPENDING ON WHOSE TURN IT IS), AND FRIENDS FOR DINNER. WE WILL FEATURE A SURPRISE PRESENTATION, AND SHOW AND TELL.

SEE DETAILS AND INSTRUCTIONS TO LOCATION ON PAGE 6.

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

