



AMA Charter Club #128  
<http://www.HarborSoaringSociety.org>  
<http://www.1hss.org>



HSS is the oldest AMA chartered R/C Soaring Club in the USA  
Founded 1964 Silver Leader Club since 2009

APRIL 2009

VOLUME 46

## THIS MONTH'S HEADLINES

### HSS Receives Silver Leader Club Award!

President Henry Smith obtains AMA certificate. See details on page. 2.

### City Planned Event at Fairview Park

On Saturday April 18 there will be a community Fun Run from 7:30 am to 11: 00 am at Fairview Park.

### 2009 HSS Membership Renewal

It is time to renew your HSS membership. Make sure you have a 2009 HSS Membership Application which can be obtained from any club officer.

### Upcoming Model Events for Southern California

The following events are of interest this month. See page 11 for the complete schedule.

- Sunday March 29 - Southern Cal Soaring Clubs first competition ([www.sc-2.org](http://www.sc-2.org)), at Fish Canyon, hosted by Silent Wings Soaring Assoc.(SWSA). See [www.silent-wings.org](http://www.silent-wings.org) for map.
- Sunday April 19 - Southern Cal Soaring Clubs 2nd competition ([www.sc-2.org](http://www.sc-2.org)), at Encinitas Flight Center, hosted by Torrey Pines Gulls. See [www.torreyпинesgulls.org](http://www.torreyпинesgulls.org) for map.
- Sat-Sun April 18,19 – R/C Expo Hobby Show. Pomona Fairplex, CA. [www.rcx.com](http://www.rcx.com) .
- Sat– Sun April 18, 19. - So Cal Scale Masters Regional Qualifier, Hemet, CA. Contest Director: Curtis Kitteringham [cak1@sdccu.net](mailto:cak1@sdccu.net) .
- Saturday April 25. - OCRCC's Annual Spring Swap Meet held at King of Kings Lutheran Church, 13431 Newhope Street, Garden Grove, CA. Submit your inquiries to Joni Whitsitt [rwwjo@aol.com](mailto:rwwjo@aol.com) .
- All of April - Full size gliders will be flying at Torrey Pines, weather permitting.

### Newport Sea Base Open House

As a community service, John Anderson and Berkeley Green conduct model aviation classes at the Newport Sea Base. Berkeley has invited all HSS club members to Opening Day 2009 ceremonies on Saturday, April 18<sup>th</sup>, from 10 AM to 3 PM. Bring your friends and family to free activities such as boat rides, tours of some of the ships, and a BBQ lunch. Since parking is restricted at the facility, free parking and shuttle are available at Newport Harbor High School, 15<sup>th</sup> Street lot, Newport Beach, CA 92663.

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**Plane of the Month**

John Anderson has recently been seen with an interesting twin motor seaplane. Here is the scoop on what is a really neat plane.

John calls it his pseudo scale "Notagima BS-1 Fishing Sinkers". This plane was a gift from Rami Awwad and started life as a Flying Styro Bumble Bee park flyer kit. It had sort of a swollen cartoon-like stubby orange body, white wings/tail, and optional floats - ugly but cute! To give it a real plane, look, He finished it as a well-weathered early WWII Japanese island-hopping seaplane. It has a span of 47 inches, a length of 25 inches and weighs approximately 1.4 pounds. It is pulled by twin geared-Speed 280s powered by a 7 or 8 cell Ni-MH packs. It flies well enough - but a bit touchy due to the short body moment. As far as water takeoffs, we don't think so. Thanks for the fun Rami!

For comedy, John is giving Ted Broberg some stiff competition.

Again, excellent photos by Rob Askegaard. - ed.

**HSS Receives Silver Leader Club Award!**

We have just been notified by the AMA that our president's application for Silver Leader Club status has been approved. Henry Smith made the application earlier this year. This is the first time HSS has achieved any Leader Club award. There are three levels, Bronze, Silver, and Gold. Ranking is based upon the club's community service, maintenance of AMA safety procedures and operational activities. HSS met 11 of the 14 requirements to qualify. The club will receive the following:

- A certificate from AMA Headquarters. (see Page 13)
- A Silver finished pin for each member.
- Published recognition in "Model Aviation" and listing on the AMA web site.
- Inclusion in the annual list of Leader Clubs.



More Planes of the Month!



Everyone has been so busy putting together fabulous new planes, that we get to cover several this issue.

Above, we have photos of Don Hofeldt's de Havilland DH-4 British single engine bomber. It had its first flight Sunday, March 1, It flies great and looks absolutely realistic. It has a 102" wingspan and is powered by an AXI 5330/24. At right, we see Don swapping out the four bladed show prop

This is a great looking plane. Nice work, Don. Also, thanks to Rob Askegaard for the report and photos.



**HSS Meeting Minutes For 5 March 2009****I. Executive Session**

- Meeting was called to order at 6:20 p.m. by President Henry Smith. In attendance were officers Henry Smith, Dennis Anderson, Karl Hawley, Fred Hesse, Ross Thomas, Jim Hanson, and Ted Broberg; and Todd MacAndrew and Walter Stewart attended as well. John Anderson called to say he did not want to share his nasty cold with the rest of us, so he did not attend this evening.
- The Grant Application for runway improvements has been filed. It's in the hands of the AMA vice president.
- We've filled out and submitted our application for the Leadership Club. In keeping with the terms of this, we have posted the Club rules, with the notice that whenever there is a difference between a club's rules and the AMA regulations, the local rules take precedence.
- Henry and John met with the contractor who is working on the park grading and paving. Henry favors first doing the runway re-alignment, then seeing what we can do about improving the surface. Fred asked what was planned in the way of fences, and Henry said that the plans seem to change often. The sure thing is that the pools will be fenced. Ross commented that the vernal ponds' borders keep enlarging.
- Henry suggested that we use a football-field chalk-liner, and lay out the 50 by 250 foot area, so fliers can see how large an area it is. Karl suggested using flour rather than chalk in the hopper of the field liner.
- Karl reported that he has mowed the field two days this month, and will mow again tomorrow. He mentioned that someone used our mower tractor, and mowed an area near the parking lot -- where we are NOT to fly. He plans to replace the container's lock, and sell new keys to authorized members, in order to build up a gasoline fund. He'll number the keys, and keep track of who has them. (There seems to be a large number of unknown people who have keys to the container.)
- The topic of people operating planes at the field without having the Park Department permits -- and especially those who do not have liability insurance -- has raised many concerns.
- Dennis said that he has the AMA Club Charter for this year. He also received embroidered patches for the staff officers, which he handed out.
- Henry reminded us that he has a container on the way to him, and if we do not make arrangements soon, he'll have to send it back.
- In May, there will be a 2-day Civil War Re-enactment at Fairview Park. We'll try to have a model plane with aerial picture capability. Jim Ward and Jim Hanson will try to get this set up.

Executive session was adjourned at 7:20.

**II General Session:**

- In addition to the above in attendance, we added Roger Nahas, Richard Morley, Walt Cloer, Rob Askegaard, Berkeley Green, Jim Ward, Phil Bland, and Don Hoefeldt.
- Show and Tell: Jim Hanson showed his new helicopter, with retractable landing gear. He uses the 500-size mechanism of T-REX 'copter, and rigged it up in this body, which resembles a Bell 222. It's basically an "Air Wolf," done in a civilian version. Berkeley brought a Depron V-tailed glider. Denny Harrington, Don Hoefeldt, and Kraig Coomber, Denny's son-in-law, brought a FULL-SIZED HANG-GLIDER, and set it up in the lobby. Denny also showed a photo album of places where they've flown the 'glider. Unlike earlier hang gliders, this one has fabric surfaces both above and below the wing frame for a more efficient lifting wing surface, giving glide ratios around 16:1, rather than about 9:1 for a Ragallo-type wing.
- Berkeley mentioned Opening Day 2009 at Newport Sea Base, Saturday, April 18; 10:00 a.m. to 3:00 p.m. He invites anyone in the club to have a table to introduce our club to visiting young people, or just come and get acquainted with the program there.
- Roger Nahas brought us some news about his original auxiliary wing-flap system: He's received a patent on the design, and it's been accepted for inclusion in a FULL SIZED aerobatic racer by Mustang Aerodynamics! That's a kit-plane company, but not a model airplane company. The purpose of Roger's design is to provide slower, shorter, and safer take-off and landing speeds to these high-speed aircraft.
- --Oh, and Roger also won the raffle prize of a old-timer electric model plane! Henry reported that there were 18 people here for the meeting and prize drawing tonight! Best attendance in a long time.

Meeting adjourned at 8:50 p.m. Respectfully submitted, Ted Broberg, Secretary.



**The Big Show and Tell at the March 5<sup>th</sup> Meeting**

After the General Meeting, we were treated to a real show-and-tell by Denny Mallett and his son-in-law Kraig Coomber from Australia. At right, Kraig is finishing the assembly of his Blu Eye hang glider that he put together in the lobby of the Community Center. Also shown is Denny Mallett replying to questions. The Blu Eye is a high performance glider with upper and lower wing surfaces covered with a special sail cloth.

Photo credits go to Ted Broberg and Rob Askegaard.

**Last Month's Message from the President**

The following message from the president was distributed on March 2, 2009, by E-mail. It was sent separately from last month's newsletter due to scheduling constraints. We are repeating this message since it did not reach members who receive their newsletter by US Postal Service.

We are continuing to work with the city to improve the runway situation at Fairview Park. On Wednesday John Anderson and I met with the contractor who will be doing improvement work in the park over the coming summer. We should have a firm quote for additional runway grading by mid March. After this, a firm budget covering all planned improvements will be drawn up. We are in the process of applying for an AMA grant to help with funding these improvements.

This month's speaker will be our member Denny Mallett. Denny will bring a full size hang glider and talk about his past days of daring-do flying hang gliders over 10,000 ft altitude!!! John Anderson also plans to bring an early type hang glider.

The city has now made it possible to get Fairview Park flying permits on Saturday, 10:00 am - 1:00 pm. at the Downtown Recreation Center, 1860 Anaheim Avenue, Costa Mesa, 714-327-7560. After March 2, 2009 this same site will issue permits Monday - Friday 8:00 am - 3:00 pm. Henry Smith, HSS President.



**The General Direction**

By John Anderson, General Director and Vice President

1. Our AMA runway improvement grant application takes-off on time! Will it land OK? Stay tuned and see Henry Smith's article in this issue.
2. Last month I lost control of my cardio-pulmonary system and crashed! Congestive heart failure; very fast/irregular heart beat; water buildup; etcetera and it can all too easily happen to you as well! My thanks to fellow fliers Jerry Laux and Walt Cloer for info and books about the huge amount of salt (and caffeine) in our foods; what it can do to you; and how to avoid problems... ask them next time you see them at the field. Flight control and safety starts with a healthy pilot. Just a thought. Maybe we could offer first aid courses at the field - just on case one of us duffers crashes or gets cut, or whatever. Any interest??? Let us know!
3. Donations accepted! Just a reminder- we continue to have very nice raffle prizes at our meetings thanks in large part to the anonymous donation of high quality planes and equipment from the widow of a flyer who passed away shortly after relocating here from Hawaii. Our thanks to all who chose to selfishly donate so students may learn our hobby and that our members may be more likely to attend and participate in club meetings - having the chance to acquire and enjoy a generously donated pre-owned model.
4. The Newport Sea Base model class students completed their semester project: semi-scale, e-powered, free-flight fighter designs based upon material from the LUFT46 web site -including a Lippisch flying wing and a Folke Wolf twin-boom pusher (Photos next month). A new class will be starting soon after I complete a bit more medical patching-up. In addition, there is a new prospect of offering a course at Waldorf School.
5. I am still sorting through the HSS library -a box of various videos on tape/cd/dvd and may add some of my own collection of videos, books and magazines; and I hope to develop an effective library loan scheme. Ideas? Donations? In any case I plan to begin a startup library loan program at our next meeting.
6. Berkeley Green tells us that Charles Goggin (web software designer and fellow RC flyer) is still working on the new web site. Meanwhile Devin Dow, Fred Hesse, and others will be working to improve the content.
7. As most of you know, we were summarily grounded March 18-19 during the President's OC visit. Consider this a reminder as to how easily government can shut down our flying at Fairview or anywhere! So let's all fly right -because the ever present governmental alternative is don't fly at all!

Meanwhile, we still seem to be heading in the right general direction. Fly safe! Happy landings!

**City Planned Events at Fairview Park**

On Saturday April 18 there will be a community Fun Run from 7:30 am to 11: 00 am at Fairview Park. This may have been erroneously advertised as occurring in March. It is safe to assume the course will follow the path near the flying field. Please refrain flying during the time runners are on the path. There will also be a Jog-a-Thon which will be tentatively on May 16. More details next month

**Raffle Prize for April 2nd Meeting**

To stimulate club meeting attendance, a number of raffles have been planned. The cost? Nothing but your attendance at the next club meeting. Everyone that shows up gets a ticket for free. This starts making the odds pretty darn good! So, join us April 2nd at the Neighborhood Community Center, 1846 Park Ave. in Costa Mesa at 7 PM and have a great time, learn what the club has planned, and maybe take home next month's raffle prize. The prize is a Firebird ARF slope glider. It has a wing span of 58.5", an area of 527 in. sq. area, and requires a 3 channel radio to control rudder, elevator and ailerons.



**This Month's Message From the President**

I would like to thank Karl Hawley, Walt Cloer and other members who have been mowing the field.

The club board has been quite busy recently what with submitting the AMA Grant Application and also applying for and receiving AMA Silver Leader Club status. Kudos to John Anderson, Fred Hesse, Robert Staples and all the others who worked on these projects.

Moving on to the topic of field improvements, most regular flyers will have noticed part of the field has been cleared of weed and grass using a scraper. The cleared area is approximately 50 feet x 200 feet and simulates a paved runway of the same size. This will allow all pilots to learn it is possible to operate from a runway of this size. Planning and proper pilot techniques are the key to this.

Last month some of the club board members met with the contractor who is currently installing improvements in other areas of the park. At the city's suggestion HSS asked this contractor to submit pricing for moving the dirt mounds west of the runway which would allow re-alignment of the runway so electric airplanes can more easily avoid flying over the sailplane launch area. We have recently received word from the city that the bid to move this dirt and grade the area is \$17,637.00. This is quite a bit more than we had anticipated and beyond the scope of current club finances. The board will now need to search for alternate ways to move this project forward. I hope to have additional information at the April meeting. See you there.

Until next month  
Henry Smith, President

**2009 HSS Membership Renewal**

It is time to renew your HSS membership. Make sure you have a 2009 HSS Membership Application which can be obtained from any club officer. Be sure to mark if you would prefer E-Mail delivery, as it saves the printing and mailing costs. Also, mark your area of interest so as to assist future event planning. This is also a good time to renew your City of Costa Mesa Flying Permit.

**Thursday April 2nd 2009 Meeting Notice - NEWER LOCATION (and time)**

Be sure to note that the monthly meetings are still scheduled for the first Thursday of each month, but the location is newer. We will now meet at the Parks and Recreation Neighborhood Community Center, located at 1845 Park Avenue, Costa Mesa, CA 92627, in the Harper Room. The General meeting begins at 7:00 PM and all members and guests are cordially invited. Ross Thomas will lead a presentation covering the past, present, and future of soaring at Fairview Park and vicinity - the people, planes, techniques, events, achievements, and future prospects of interest to all fliers. An Almost Ready to Fly (ARF) slope soaring glider will be raffled off to attendees at no charge. See elsewhere in this newsletter for a description of the raffle prize. The Executive Committee meets 45 minutes earlier at 6:15 PM.

**Field Improvement Grant**

The field improvement grant that John Anderson put together has been signed by the AMA District X Vice President, and is now being evaluated by AMA headquarters. We had asked for \$3,500 to aid the cost of installing a Polypavement runway at Fairview Park. (This may not culminate. See President's Message. - Ed)

**Special Activity at Fairview Park**

The city is planning a Civil War re-enactment at Fairview Park, Friday through Sunday, May 8 - 10. The groups have reserved the shelters, and the grassy area surrounding them. Please refrain from flying near the encampments and battlegrounds, with the possible exception of authorized photo reconnaissance missions. This event will cause added congestion in the Canyon Avenue parking lot.

**Full Sized Gliders at Torrey Pines**

The full sized gliders are flying again at Torrey Pines. They have a permit to fly through the end of April.



This is for our growing number of scale enthusiasts. Our information sharing network with other clubs yields the following activities:

- Saturday – Sunday April 18 – 19. So Cal Scale Masters Regional Qualifier, Hemet, CA. Contest Director: Curtis Kitteringham [cak1@sdccu.net](mailto:cak1@sdccu.net) , Assistant CD: Andreas Blaser [ab1@esri.com](mailto:ab1@esri.com) . Sponsor: Hemet Model Masters Club
- Saturday April 25. OCRCC's Annual Spring Swap Meet held at King of Kings Lutheran Church, 13431 Newhope Street, Garden Grove, CA. Submit your inquiries to Joni Whitsitt [rwjjo@aol.com](mailto:rwjjo@aol.com) .

### Fun Stuff From Other Clubs

We have established a small network of communication from other model aircraft clubs in Southern California, with the goal of sharing coming events, important information, and other ideas. In that spirit, here is a neat article from the Model Aircraft Radio Kontrol Society (MARKS) January newsletter. This seems like a fun idea, as it gives an artistic effect to the flight path.

Propeller Teller

January 2009

[www.RCMARKS.org](http://www.RCMARKS.org)

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## Member Section & Grapevine (Continued)

### ... and then there were 600 ft of Flying Paper

Sanford Bennett, our club member well known for his unique variations on flying, set a MARKS' record on Tuesday, December 30th, 2008. Sandy flew his RADIANT electric-powered glider with 600 feet of crepe ribbon attached to the end of plane.

If anyone at MARKS has flown with ribbon attached to the tail of a plane before, then this is a new record; if not, then this is a flying feat that stands to be broken.

Who's on for some fun competition?



**Sanford's glider pulling a 600 ft long paper ribbon**

Sandy just didn't start out with 600 ft; he worked his way up to that length. At first,

he flew with only 150ft, then he advanced to 300 ft. The Radian flew so well with 300 ft of ribbon that he decided to add another 300 ft to the length of the 2"-wide crepe paper ribbon. It worked like a charm. Not only that, Sandy was having fun making twirls and loops, circles and cork-screws in the sky with the ribbon. I was about to give him a ticket for having too much fun!

The Radian, an excellent trainer for beginners, flew the 600 ft with ease. And that is with the standard electric motor that came with the ARF already installed. (Robert Boehm)

### Advice From Larry Klingberg – Master Modeler

Larry Klingberg is a member of Orange County Radio Control Club (OCRCC), and took two first place prizes for scale models at the most recent AMA Convention. You may have seen his entries: a Kellett auto gyro, and the big Sikorsky flying boat. These are his suggestions for casting parts for models, as described in the OCRCC newsletter.

Larry obtains his materials from Reynolds Advanced Materials, located at 10856 Vanowen Street, North Hollywood. Phone is 800-358-4349. He uses their "Smooth Cast 300 Series products, specifically Smooth Cast 300, 305, and 310. The product and technical overview sheets give the description of mix ratio, durometer, pot life, de-mold time, and shrinkage, plus surface preparation, preparing to mix, measuring, mixing, applying, curing and performance.

Reynolds Advanced Materials offers seminars on the "Basics of Mold Making and Casting" presented in an easy to understand, demonstrated format. Seminar cost is \$75 and you receive a free life casting starter kit courtesy of the company. Seminar space is limited, the last class was March 19<sup>th</sup> and the company said they offer these classes every other month, so plan ahead and make your reservation if you are interested in pursuing molding.





**From the AMA Insider Newsletter**

The AMA publishes a monthly newsletter that contains a variety of topics made available to all members. This can be accessed on the AMA web site at [www.modelaircraft.org](http://www.modelaircraft.org). The following is an interesting discussion on the compatibility of different types of paint.

From the River Valley Fliers RC Club, Plover-Wausau, Wisconsin

**Paint Compatability**

by Wayne Dempze

Finishing materials, and especially some of the solvents they contain, react with one another. A lacquer applied over an old coat of the same material will partially dissolve the dry paint, so lacquers rarely peel. Sometimes, when one kind of paint is put over another, the whole finish may dissolve and wrinkle up. We call this a compatibility problem.

The table on the right shows what material can be applied over others. We think you'll find it easy to use. For example, a builder might wish to use Aero Gloss dope over a butyrate dope. Find Aero Gloss dope in the top row which is labeled Over. Find the butyrate dope in the left column labeled Under. The "N" in the table shows the combination not to be compatible.

Maybe a model was originally sealed with dope over the alkyd as the table shows. Perhaps a builder wished to paint a model with one kind of paint and trim it with another. The compatibility table shows if the trim will react with the base color; however, I don't recommend this practice.

Here's another example on how to use the chart. Vinyl spackle is compatible over polyester resin. Find vinyl spackle in the Over section and read down to polyester resin. Now let's reverse the two materials. Vinyl spackle is not compatible when put Under polyester resin.

Incidentally, always sand any color paint with 320 or 400 grit between coats. Sometimes paints need the rough texture to bite into; not all finishes partially dissolve earlier coats like lacquers do.

No doubt, some very skilled wood finishers may have been able to use materials in a way we say is incompatible. The table favors a conservative, safe approach. Compatibility characteristics change considerably with brands, weather, method of application, and the reducers used. A finisher using materials other than those listed had better plan to test for compatibility on a scrap of wood prepared in the same fashion as the model. →

C - Compatible N - Not Compatible		OVER										
UNDER		Vinyl Spackle	Polyester Resin	DuPont 305	Aero Gloss Dope	Nitrate Dope	Butyrate Dope	Acrylic Lacquer	Alkyd Enamel	Epoxy Enamel	Acrylic Enamel	Polyurethane E.
Vinyl Spackle		C	N	C	C	C	C	C	C	C	C	C
Polyester Resin		C	C	C	C	C	C	C	C	C	C	C
DuPont 305		C	N	C	N	C	C	C	C	C	C	C
Aero Gloss Dope		C	C	C	C	N	C	C	C	C	C	C
Nitrate Dope		C	C	C	C	C	C	C	C	C	C	C
Butyrate Dope		C	N	C	N	N	C	C	C	C	C	C
Acrylic Lacquer		C	N	C	N	C	N	C	C	C	C	C
Alkyd Enamel		C	N	C	N	C	N	N	C	N	N	N
Epoxy Enamel		C	N	C	N	C	N	C	C	C	C	C
Acrylic Enamel		C	N	C	N	C	N	N	C	N	C	N
Polyurethane Enamel		C	N	C	N	C	N	C	C	C	C	C

**Jim Hanson's HSS On-Line Photo Site**

Hello Fellow Club Members:

This is a link to a web page I have created to place Club photos for you to view and enjoy. If you have any photos I can post, please e-mail them to me @ [tog4rc@pacbell.net](mailto:tog4rc@pacbell.net). For you who do not have internet access too bad. Get with the program!! Check out the photos at <http://picasaweb.google.com/rc.goat>.

Jim Hanson



**OCMA Electric Flying Site at Great Park (El Toro)**

Harbor Soaring Society is a member club of Orange County Modelers Association (OCMA) and as such, HSS members can join and fly at the two OCMA flying sites. The new Great Park Flying Site has just been opened up. A map will be provided soon. As reference information, here are the requirements to fly at the Great Park location which is situated on the old El Toro Marine base. The requirements to fly at OCMA's other site at Black Starr Canyon (by Irvine Lake) will be published soon. These requirements reference Orange County Radio Control Club (OCRCC) but are applicable to HSS members as well.

**GREAT PARK FLYING SITE REQUIREMENTS**

1. Payment of \$500.00 fee for annual use of flying site.
2. A waiver indemnifying City of Irvine, Great Park Corporation, ACMI, and OCRCC should any injuries occur on-site. All people on site must have signed annual waiver.
3. AMA insurance coverage in the amount of \$2,500,000.00.
4. A special membership badge that identifies OCRCC members to Great Park Security personnel allowing access to the flying site.
5. Each person at the site must sign a waiver. A guest may fly one time and then must join OCRCC to fly again.
6. Required blank waivers in a waterproof container that has to be at flying site all hours of operation.
7. An OCRCC Field Marshall will be on site during all flying hours. Initial times requested are daylight hours on Sunday, Wednesday and Saturday.
8. Field Marshall can be flying if two or more others are flying. There is a maximum of 5 planes in the air at any time. Field Marshalls enforce all rules at all times, no exceptions.
9. OCRCC is responsible for policing area after each use ensuring there is no trash left on field or blowing around property.
10. Each OCRCC member must have a fire extinguisher at the site while flying.
11. No pets allowed.
12. No Smoking at site.
13. Pilots shall supply an appropriate fireproof container capable of charging whatever size battery is going to be charged.
14. Frequency box will be on site to cut possible interference from flyer on Laguna Canyon Road.
15. Excluded from site are certain weights and speed of planes such as electric ducted fans and electric planes over 6 pounds @ 60 miles per hour.

**OCMA's New Runway at Black Starr Canyon**

Orange County Modelers Association (OCMA) has completed their new Polypavement runway at Black Starr Canyon. This is a 600' by 60' runway with pits, taxiways, and several large paved areas for helicopters and 3D aircraft. This was professionally installed at a cost of about \$50,000.



**Coming Events For 2009**

Sunday	March 29	Southern Cal Soaring Clubs first competition ( <a href="http://www.sc-2.org">www.sc-2.org</a> ), at Fish Canyon, hosted by Silent Wings Soaring Assoc. See <a href="http://www.silent-wings.org">www.silent-wings.org</a> for map.
Thursday	April 2	HSS monthly meeting, Neighborhood Community Center, Harper Room. 1845 Park Ave. Exec. meeting 6:15 PM, General meeting 7:00 PM.
Sunday	April 5	Fourth HSS monthly club thermal duration competition at Fairview Park. Details TBS
Sunday	April 19	Southern Cal Soaring Clubs 2nd competition ( <a href="http://www.sc-2.org">www.sc-2.org</a> ), at Encinitas Flight Center, hosted by Torrey Pines Gulls. See <a href="http://www.torreypinesgulls.org">www.torreypinesgulls.org</a> for map.
Sat-Sun	April 18-19	RC Expo hobby show. Pomona Fairplex, CA. <a href="http://www.rcx.com">www.rcx.com</a> . Also called Model Airplane News Expo.
Sunday	May 3?	Fifth HSS monthly club thermal duration competition at Fairview Park. Details TBS
Sat-Sun	May 2-3	CVRC Annual Bent Wing soaring competition. Russell Pond, 8400 Ave. 320, Visalia, CA 93291. Web site <a href="http://www.cvrcsoaring.com">www.cvrcsoaring.com</a> has all information.
Thursday	May 7	HSS monthly meeting, TBD time and location. Details TBS
Fri-Sun	May 15-17	CVRC Spring Aero Tow. Giant scale soaring. Russell Pond, 8400 Ave. 320, Visalia, CA 93291. Web site <a href="http://www.cvrcsoaring.com">www.cvrcsoaring.com</a> has all information.
Saturday	May 23	HSS annual Electric and Glider Fun Fly, barbeque, and swap meet. Fairview Park Costa Mesa. Details at <a href="http://www.1hss.org">www.1hss.org</a> .
Sunday	May 31	Southern Cal Soaring Clubs third comp. ( <a href="http://www.sc-2.org">www.sc-2.org</a> ), at Field of Dreams hosted by SULA. See <a href="http://www.soaringunionoflosangeles.org">www.soaringunionoflosangeles.org</a> for map
Thursday	June 4	HSS monthly meeting, TBD time and location.
Sunday	June 7	Sixth HSS monthly club thermal duration competition at Fairview Park. Details TBS
Saturday	June 20	Annual HSS Bent Wing Soaring Competition. Fairview Park. Ross Thomas CD, Karl Hawley contest manager. Details at <a href="http://www.1hss.com">www.1hss.com</a> .
Sunday	June 28	Southern Cal Soaring Clubs fourth comp. ( <a href="http://www.sc-2.org">www.sc-2.org</a> ), at A B Brown Field hosted by SoarHeads pilot group at ISS. See <a href="http://www.glideiss.us">www.glideiss.us</a> for map
Thursday	July 2	HSS monthly meeting, TBD time and location.
Sunday	July 5	Seventh HSS monthly club thermal duration competition at Fairview Park. Details TBS
Sunday	July 26	Southern Cal Soaring Clubs fifth competition ( <a href="http://www.sc-2.org">www.sc-2.org</a> ), at Fish Canyon hosted by HSS. See <a href="http://www.1hss.org">www.1hss.org</a> , and <a href="http://www.silent-wings.org">www.silent-wings.org</a> for map
Sunday	August 2	Eighth HSS monthly club thermal duration competition at Fairview Park. Details TBS
Thursday	August 6	HSS monthly meeting, TBD time and location.
Sunday	August 30	Southern Cal Soaring Clubs sixth competition ( <a href="http://www.sc-2.org">www.sc-2.org</a> ), Redwood school In Thousand Oaks, hosted by TOSS. See <a href="http://www.toss.freesevers.com">www.toss.freesevers.com</a> , for map
Sat-Sun	Oct 3-4	CVRC Fall Soaring Fest. Duration contest. Russell Pond, 8400 Ave. 320, Visalia, CA 93291. Web site <a href="http://www.cvrcsoaring.com">www.cvrcsoaring.com</a> has all information.
Fri-Sun	Oct 16-18	CVRC Fall Aero Tow. Giant scale soaring. Russell Pond, 8400 Ave. 320, Visalia, CA 93291. Web site <a href="http://www.cvrcsoaring.com">www.cvrcsoaring.com</a> has all information.

**Observation of the Month**

"An expert is a person who has made all the mistakes that can be made in a very narrow field."  
Niels Bohr



Our club secretary and photo buff Ted Broberg, took the following photos. Thanks, Ted. First, we have Bob Shourt with his original design called "Sweepa". Yes, it is a canard with swept forward wings. The second photo shows the plane flying from right to left. This is thinking out of the box!



Next, we have Karl Hawley giving Gregory Robbins an introductory lesson on the 3 meter Gnome. And finally, a photo of Dennis Anderson with his "Groovy" stunt plane.



### **Ground Crews Wanted for Full Size Glider Flights**

Are you interested in adventure and adding to your aviation and glider knowledge? Every weekend from Spring to Fall cross-country pilots flying straight out from Crystal Gliderport need support crews. Its a weekend all expense paid road trip! If you are interested contact Larry Tuohino at [LarSwan@aol.com](mailto:LarSwan@aol.com) or 714-319-9988. He'll hook you up with pilots from the "Crystal Squadron".

### **Another Message From the President**

You might be an RC redneck if..... You missed work twice because you glued your hand to your beer bottle.  
Till next month, Henry Smith



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March 6, 2009

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

Dear Harbor Soaring Society:

I would like to take this opportunity to congratulate you on qualifying as a 2009 Silver Leader Club.

I will notify your District Vice President of your new status.

Again, congratulations on your new "Leader Club" status and thank you for your positive contributions to the sport of aeromodeling.

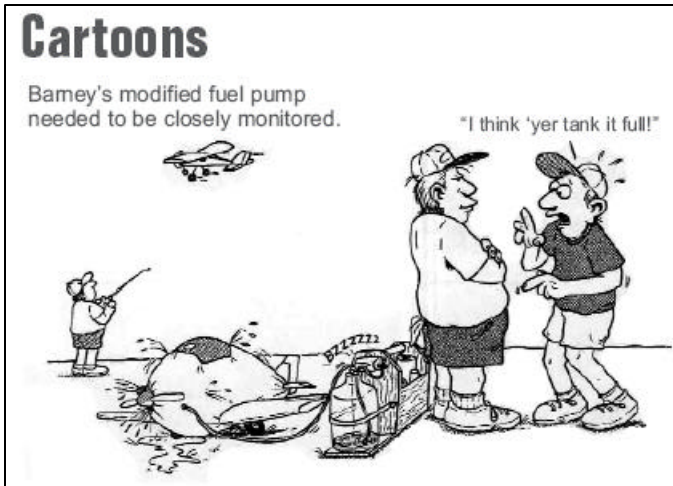
Sincerely,



Erin Dobbs  
Programs Coordinator

cc: Jim Giffin, X Vice President



More Fun Stuff from the AMA Insider NewsletterPlane Rap Classified Ads and Services - For Sale

Tim Beegan, HSS Member: Do you have a need for machine work? I can do small parts for R/C planes. Call me at (949) 646-6285 or see me at the field for consulting.

New Club T-Shirts

Karl Hawley has HSS T-shirts. They have the club logo on the back in full color, and a small sailplane on the front. These high quality shirts are priced as follows: T-Shirt, no pocket, \$5; T-Shirt with pocket, \$7; Golf shirt with a polo collar and a front pocket, \$13. These are available to all members. Contact Karl.

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April 4th



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Safety Officer	Mark Gund	949-510-7260	<a href="mailto:boatmark@yahoo.com">boatmark@yahoo.com</a>
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Winch and Key Master	Karl Hawley	949-574-9379	<a href="http://www.1hss.org">www.1hss.org</a>

See our web site at [www.1hss.org](http://www.1hss.org), and our photo site at <http://picasaweb.google.com/rc.goat> .

**NEXT CLUB MEETING WILL BE AT A NEW LOCATION! THURSDAY APRIL 2 2009 AT THE NEIGHBORHOOD COMMUNITY CENTER, HARPERS ROOM. ADDRESS IS 1845 PARK AVENUE, COSTA MESA. EXEC MEETING 6:15 PM, GENERAL MEETING 7 PM.**

**THE PRINTED ISSUE IS LIMITED TO 12 PAGES TO REDUCE MAILING COSTS. SEE THE COLOR VERSION SENT BY E-MAIL AND AVAILABLE ON OUR WEB SITE.**

**Harbor Soaring Society  
P.O. Box 1673  
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