

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



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

January 2011

Volume 48

THIS MONTH'S HEADLINES

**Harbor Soaring Society Begins Its 48th Year.
 HSS is the oldest chartered R/C Soaring Club in the AMA.**

**Special Activity for February General Meeting
 The Tuesday Feb 1st Meeting is Rescheduled!
 Join us at Lyon Air Museum, Saturday Feb 5th at 10 AM. See Pages 6-7.**

Plane Rap Index

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Coming Events and Soaring Competitions

January 2011 and into 2011

The following events are of special interest. .

- Tuesday Jan 4, 2011. HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. General meeting at 7 PM. Exec meeting at 6:15.
- AMA Expo Jan 7-9 2011. Ontario Convention Center. <http://amaexpo.com> . See page 9.
- Saturday Jan 15 or 22, 2011. SC-2 annual pilots meeting. Get details at <http://site.sc2soaring.com>
- Saturday Feb 5, 2011. HSS monthly meeting, Lyon Air Museum, John Wayne Field. Meeting at 10 AM. See details on page 6 – 7.
- Sat. - Sunday Feb 19 - 20. Southwest Classic soaring competition. Hosted by Central Arizona Soaring League. See www.casl.net and page 6 for further information.
- Tuesday March 1, 2011. HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. General meeting at 7 PM. Exec meeting at 6:15.

HSS Executive Committee Meeting Minutes, December 17, 2010

I. Business meeting: Meeting was called to order at 3:15 p.m. by president Henry Smith IV. In attendance were newly-elected president Henry Smith IV, Vice President Chris Adamczyk, General Director Henry Smith III, Treasurer Dennis Anderson, Safety Officer Karl V. Hawley, Newsletter Editor Fred Hesse; Ross Thomas, John Anderson, and Secretary Ted Broberg.

A. Ross asked whether there was a chance that we could use the indoor facility at the blimp hangars in the future. Henry III thought it might be possible, but at the moment the answer looks negative. He has a contact who may be able to arrange it.

B. Chris A. has been looking into the water-line system. He spoke with Dean Rodia who is Senior Maintenance Supervisor for all Costa Mesa parks. He said that some sprinkling systems are controlled automatically by a valve that is powered by a nine-volt battery that lasts a year. A power line is not needed. He has a map that shows some of the needed information. Karl asked whether the flying areas could be enlarged, as was considered earlier. Henry IV had spoken with Robert Staples about this, and was told that we may MOVE the existing dirt, but not remove or import soil. This could improve the layout of the field. (Discussion followed.) Henry IV asked Karl to draw his suggestion on a map of the field, and show it to him. John said that Robert Staples prefers to see overall plans, rather than detailed ones.

C. John asked how we are doing on the battery charger issue, and the AMA grant. Henry III said that the AMA grant has been satisfied, and is over. He also mentioned that the fences around the vernal ponds have really helped our flying field, by reducing the foot-traffic across the field. It was mentioned that some mowing of the weeds has been done without approval by the city or the HSS board, and we should try to prevent its happening in the future.

D. Henry IV asked how often we need to have business meetings, and what issues we should expect to handle. Suggestions were made. Henry III recommends that we consider moving toward the Gold level of the AMA Leader Club. John said we need to renew the City's Use Agreement for the field, and another Use Agreement for the container. He recommends that we have an event that entails community involvement, as this would benefit our public image. Karl mentioned that there is now a radio station that gives information on Costa Mesa events. John reminded us that we should issue informative blurbs.

E. John recommended that we update the trifold brochure, with contact info on the new officers, and make sure that copies are provided to the Parks and Recreation desk for public distribution. Fred will work on this.

F. Training: Henry IV is concerned about fliers who cannot even fly a level pattern. He would like to have more intro instructors, and some training days to bring these "newbies" along. John suggests that we develop an "incident report" to be issued to scary fliers, with a duplicate copy to be kept by the club safety officer. This would be a means of documenting that an effort had been made to help correct a potential problem. Karl said that he corrects fliers he sees flying unsafely three times, before calling the ranger if he sees them flying poorly again. [Henry mentioned seeing a flier last Saturday who was quite unskilled, yet refused to heed any advice. We have to have a way to correct these pilots.]

G. Runway dimensions were discussed. Henry IV recommends adding GO/NO-GO lines at, say, thirds or quarters, to give guidance for landing. "If a big plane hasn't touched down by the first line, it should be required to go around again."

H. Dennis gave a treasurer's report, and handed Henry IV a suggested budget for 2011.

I. Henry suggested that some of our future exec meetings be held at the field.

J. Report on the event at the Lighter-Than-Air Base that both Henrys attended in November. Both were very positive, and they had a lot of fun. The free-flight, catapult-launch planes were especially remarkable. We were reminded about the December 28th indoor event to be held there.

K. February's general meeting will be Saturday, February 5, 2011, 10:00 a.m., at Lyon Air Museum, Orange County Airport. Chris A. is arranging it. Lunch afterward, for all who wish. Ted will post notices at the field.

L. John brought a 3-meter BIRD OF TIME sailplane, which he'd like for us to present to the Lyon Air Museum, along with some other models, if the arrangements can be made for them to be displayed there. John gave some departing recommendations for future actions by the officers, as he will no longer be serving as Executive Director.

--Meeting adjourned at 4:45 p.m. Respectfully submitted, Ted Broberg, Secretary



HSS Christmas Party and General Meeting Minutes for 7 December 2010

Meeting called to order at 6:44 p.m. at Coco's Restaurant, Adams and Harbor Blvds, Costa Mesa. In attendance were Margie and Fred Hesse, George Brimmer, Jeff Greene, John Rittenhouse, Jim Hanson, Susie and Chris Adamczyk, Rob Askegaard, John Stambuc, Larry Koch, Karl Hawley, David Whittington, John Anderson, Jim Sonnenmeier, Lucille Olszewski, Mary and Gytis Tamulaitis, Henry Smith III and IV, Ted Broberg, and Ross Thomas. Henry III greeted everyone, and suggested that we consult the menus and order our dinners. Announcements and business will follow our ordering.

A. Announcements.

1. Fred announced that Ralph Ray, a former HSS member, and Henry Smith III have arranged for us to have the use of the Tustin Lighter-Than-Air Base for December 28, from 7:00 a.m. to 4:00 p.m. Please see the flyer for details. Five or so people at the party indicated an interest in taking part.

2. Chris Adamczyk told us about the February meeting. He's looking into having our club meeting at Lyon Air Museum during the morning, and out to lunch after. He can get a discount for the group, which included a guided tour. December's Plane Rap has more info. This would likely be on Saturday, February 5th. (See final planning for the February 5th meeting)

B. John Anderson presented the Golden Glider Awards to Henry Smith III, Ross Thomas, Karl Hawley, Fred Hesse, John Anderson, Ted Broberg, Dennis Anderson, and the City of Costa Mesa. He also had Golden Glider Awards for Robert Staples, Berkeley Green, and Mike Gaczkowski in absentia.

C. Henry gave a closing address at the end of his two-year role as club president. He reminded us that we are all fliers, whether electric, glider, autogiro, or other. Everybody is needed to help out and make it work. He presented awards to several people who have been of special help: John Anderson, Fred Wilmott, Rob Askegaard, Jim Ward, Ted Broberg, Dennis Anderson, Chris Adamczyk, Ross Thomas, Karl V. Hawley, and Fred Hesse.

D. Ted told about his visit with Tim Beegan's family yesterday, and presenting a Peace Lily from the club to them. We also are sponsoring the planting of a tree in a National Forest in his memory. He circulated several cards expressing our sentiments and wishes to the family, which he'll take to them later in the week.

E. As a final gesture, Henry III passed out the drawing tickets for the raffle. Winners and prizes were: Rob Askegaard, 36" Mustang; Mary Tamulaitis, Telemaster 40; David Whittington, Spirit of 76 foam glider; Jeff Greene, package of servos and servo parts; Larry Koch, P-38 photo; Ross Thomas, brushless motor by GWS; John Anderson, photo of 4 P-38's; John Rittenhouse, formation of P-38's; George Brimmer, Mustang photo; Jim Sonnenmeier, photo of P-38's; Gytis Tamulaitis, JN-4 "JENNY" photo; Karl Hawley, Gee Bee SPORTSTER photo. Henry also presented certificates to those who had helped him during his term, as well as a utility knife, as a "Christmas president." He then turned the meeting over to incoming president, Henry Smith IV.

F. Henry IV made a short comment about his emphasis in the coming year: We are all fliers together, whether power, glider, free-flight; we all have to pull together for the sake of the hobby we love; the main things are abiding by the 400-foot ceiling, the ten-pound limit, and no unsafe flying. All of you are doing this, and we all need to keep others informed and in line.

-- Respectfully submitted, Ted Broberg, Secretary

Christmas Party Photos

The next two pages are photos of the HSS Christmas Party on December 7th. The turn-out was great, as was the food. Rob Askegaard and Ted Broberg provided the photos, which cover everything from the vigorous conversations to the awards and raffle prizes. For once we get a nice photo of Rob receiving an award, and also a P-51 model as a raffle prize. Mary Tamulaitis won the Telemaster grand prize, but Gytis felt she probably needed help holding it up for the photo. Dave Whittington will have a busy time putting together the two meter glider, and John Anderson provided his "Golden Glider" awards to all of the deserving members.



Christmas Party Photos



Christmas Party Photos (continued)



2011 HSS Membership

Our 2011 HSS membership enrollment season is in full swing. A membership application and optional member survey is included at the back 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.. And, don't forget your City of Costa Mesa Flying Permit. Details are shown below.

2011 Park Permits Available Now

Robert Staples has sent us the announcement (below) stating that City Flying Permits are available now for \$20 per year. Remember to bring your new AMA license.

RENEWAL NOTICE:

The City of Costa Mesa will be accepting renewals for the 2011 Flying Permits beginning Monday, October 25, 2010, 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.

Thanks for all your help,

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.

HSS General Meeting Dates for 2011

Ted Broberg has provided reservations for the next four HSS General Meetings in 2011. Essentially they are the same time and place (except for Saturday Feb 5). As follows:

- Tuesday, January 4, 2011: Round Table Pizza, 11895 Warner Ave., Fountain Valley. General meeting is 7:00-9:00 PM, with Executive Meeting at 6:15.
- Saturday, February 5, 2011: Lyon Air Museum, Santa Ana Airport, 10:00 AM.
- Tuesday, March 1, 2011: Round Table Pizza, 11895 Warner Ave., Fountain Valley. General meeting is 7:00-9:00 PM, with Executive Meeting at 6:15.
- Tuesday, April 5, 2011: Same as above.

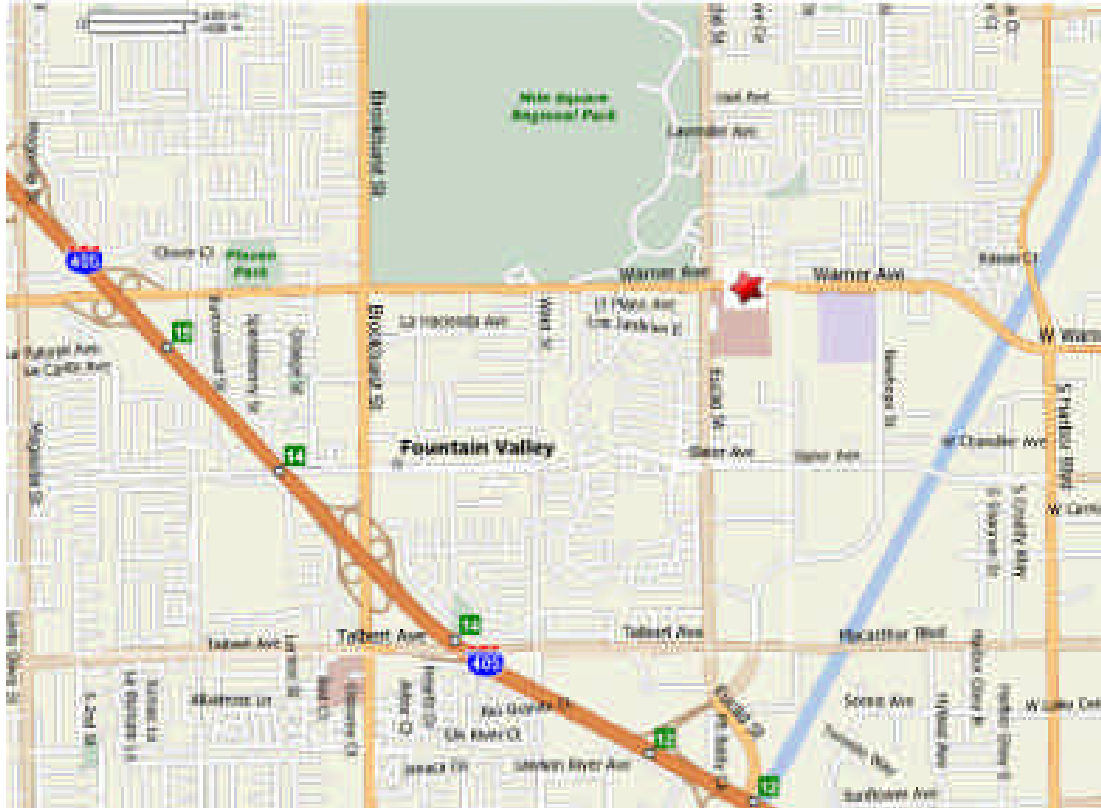
Tools Explained (A Touch of Humor?)

- DRILL PRESS: A tall upright machine useful for suddenly snatching flat metal bar stock out of your hands so that it smacks you in the chest and flings your beer across the room, denting the freshly-painted project which you had carefully set in the corner where nothing could get to it.
- WIRE WHEEL: Cleans paint off bolts and then throws them somewhere under the workbench with the speed of light. Also removes fingerprints and hard-earned calluses from fingers in about the time it takes you to say, 'Oh sh--!'



January 4th, 2011 Meeting Notice

The next club meeting is Tuesday January 4th 2011, 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. Bring your wife, family, friends, etc. Our new president, Henry Smith IV, will hold a discussion about what goals the club should have for 2011. Join us and bring your ideas. We expect to have show and tell as time permits. The meeting will be concluded with a raffle for the items shown below. The location is shown in the map below. The executive/steering committee meeting will begin at 6:15 PM.



Raffle Prizes for the January Meeting

There will be two raffle prizes for January. The first is a Super Decathlon kit shown below. It is designed for a 40 size engine, but will make a great electric conversion. It has a 64" wing span.

Second, is a foam P-51 Mustang with a 27" span, but no motor or servos. These were both donated by John Rittenhouse. Thanks, John.



SC-2 Meeting Announcement

The Southern California Soaring Clubs had the following announcement on their web site which has recently changed to <http://site.sc2soaring> .

SC-2 will hold its' annual meeting sometime in January, 2011 and pilots are invited to attend. We wish to hear from you, the pilots, on how to make this circuit better for everyone. Oh, and due to popular demand, we WILL have the awesome Man-on-Man contest event again, and this time, be prepared to fly all day as we plan 5 rounds for you! It should be awesome!

Dates to consider for our annual meeting are... Jan. 15th or Jan 22nd , 2011.

2011 SC2 Proposed Contest dates and announcements:

Contest #1 Mar. 19 th	Contest #5 Aug. 21st
Contest #2 Apr. 17 th	Contest #6 Sept. 18th
Contest #3 May. 22 nd	Contest #7 Oct. 16 th
Contest #4 Jun. 19 th	Rain Date Nov. 20th
SC2 Man on Man July 23rd / 24 th	

No results were posted on the SC-2 web site for the Soarhead event or the season overall standing.

New Source for Folding Electric Props

A new manufacturer of high performance carbon reinforced folding electric propellers recently announced their product under the brand name of "Comp%". The company, MMT (Model Man Town), also offers carbon spinners and aluminum hubs. Their website is located in China as www.modelmantown.cn and E-mail addresses include rcchampionliu@gmail.com and rcmchina@yahoo.com .

Nice Contact From an Old HSS Member

Ross Thomas recently passed along this E-mail from Frank Rosenberg who was a past member of HSS. He may be reached at frosenberg@sbcglobal.net .

Been a long time since I have flown a rc sailplane or full size aircraft. We moved out of VC city Garden Grove about five years ago. We spent 7 months cooped up in an apartment in Placentia on a private golf course.

Back in 2007 we decided not to move to Hugo OK where our circus friends live in the winter months. After many trips looking for a good home we decided to settle in Pahrump NV.

Pahrump is 4.5 miles east of the CA state line. It is within five hour drive to OC if we need something very special.

Our home is 1500 sq feet and vacate lots on all sides of our property. It is not perfect living here. I had a 25 ft ham radio antenna stolen a year ago. I now have security camera guarding our yard now.

My poodle had to be put down. We enjoy a country life near a super Walmart and a first rate Home Depot.

I used to fly all types of RC aircraft here. Since we moved to the town I have never seen anyone flying RC models. We have ten casinos and two legal brothels must of our guest want to see. We live twenty miles from them and that is not far enough.

The weather is great for RC flying. Let me know if you're interested in trying the high desert 3000 ft for sailplanes or electrics. There is endless space to fly RC airplanes.

My eye sight is not good enough to fly a small sailplane any more. I am surprised RC pilots have not discovered our town of 40,000 folks plus a few crooks.

Give my regard to all the HSS fliers. Our town needs events so keep that in mind....

Frank Rosenberg (ex-member of the HSS)



AMA Today

The AMA offers an internet news channel called "AMA Today" which tends to provide some of the latest information of value to modelers. The following three articles are taken from the December issue of this publication. If you have further interest, like submitting questions, contact publicrelations@modelaircraft.org.

2011 AMA Expo

The 2011 AMA Expo is coming to Southern California soon. Details of time, place, and ticket prices are shown below. Tickets may be obtained on line at <http://amaexpo.com>.

Ontario Convention Center – Ontario, California

Friday, January 7, 2011	Noon – 6pm
Saturday, January 8, 2011	10am – 6pm
Sunday, January 9, 2011	10am – 4pm

Advance Ticket Prices

1 Day – \$10

2 Day – \$18

3 Day – \$26

Family Pass – \$30 (2 adults and 2 children or 1 adult and 3 children)

Kids 6 and Under are Free

Active military with ID, Boy Scouts, Girl Scouts, Sea Cadets etc...enter for free

ADMISSION AT THE DOOR

One Day Pass	\$13 AMA Member/\$15 Nonmember
Two Day Pass	\$24 AMA Member/\$28 Nonmember
Three Day Pass	\$33 AMA Member/\$36 Nonmember
Family Pass	\$35 AMA Member/\$40 Nonmember

Former AMA Executive Director Jim Cherry passes away December 2

It's with sadness that the AMA learned of the death of its former executive director, Jim Cherry, on December 2. Jim had left his position with the Academy this past summer to return to his home in Panama City, Florida. The AMA extends its heartfelt condolences to his wife, Lynn, and family. Jim had accomplished much in his nearly four-year tenure.

Potential FAA regulations on model aircraft still up in the air

Your AMA leadership made yet another trip to the Washington DC offices of the FAA in late November. Negotiations, led by AMA Government Relations and Regulatory Affairs Representative Rich Hanson and AMA President Dave Mathewson, continue to focus on national airspace safety, model aircraft operations and potential regulations that may create serious restrictions on aeromodeling. Dave's latest report on this important issue follows. *Got a question for the FAA concerning its attempt to regulate model aircraft operations?*

Take the Quick Poll survey, which will ask you to submit a question for a discussion forum with FAA officials at January's AMA EXPO.



Update on FAA

The FAA process to create regulation for the operation of small unmanned aircraft systems (sUAS) in the national airspace continues to move forward. There's been a lot of speculation about what will be contained in the sUAS proposed rule that is scheduled to be released as a notice of proposed rulemaking (NPRM) sometime in June 2011.

The NPRM will contain proposed regulation that will most likely have some impact on model aviation. The FAA is prohibited by law from disclosing the exact language in the NPRM until it's released in the Federal Register. However, we have been able to determine, in a generic sense, what some of the proposed language might be. The Aviation Rulemaking Committee's report submitted to the FAA in 2009 identifies many of the sUAS issues under consideration; however the specific recommendations in the report may or may not be reflected in the final rule. We know that the NPRM will most likely address things like how high, how fast, and where a model aircraft may fly. We know that the FAA has drawn a hard line between recreational use and commercial use.

AMA is continuing to work with the Unmanned Aircraft Program Office (UAPO) within the FAA and is in contact with the UAPO on a weekly, if not daily basis. Over the past 90 days there have been five face-to-face meetings with AMA and the UAPO staff. AMA's internal workgroup, consisting of members with a diverse and knowledgeable model aviation background meet by conference call weekly and continues to develop standards that will eventually be submitted to the FAA for adoption that will allow modelers who follow these standards additional latitude from the rule. The foundation of our standards has always been the National Model Aviation Safety Code and its supporting documents including our Turbine Waiver Program and our Large Model aircraft Program. Recently a member of the UAPO office has been regularly attending these calls.

We're fighting a tough battle between keeping our members informed and not painting an overly tenuous picture of the future of model aviation. Not knowing exactly what will be in the proposed rule makes this a difficult challenge. And we're still working through some issues today that may be satisfactorily resolved before the NPRM is released. At the same time we need to make sure our members are aware, engaged, and prepared to react, if necessary, when the time is right.

The FAA has been invited to the AMA Expo in January. They have accepted. Our intent is to hold a roundtable Q&A session to help clarify a number of issues. This roundtable will be open to those in attendance and will also be taped and posted online. The Expo will also signal the beginning of an increased awareness campaign to keep the model aviation community as informed as possible as we move into 2011 and the eventual release of the NPRM.

– Dave Mathewson AMA President

More Tools Explained

- SKIL SAW: A portable cutting tool used to make studs too short.
- PLIERS: Used to round off bolt heads. Sometimes used in the creation of blood-blisters.
- BELT SANDER: An electric sanding tool commonly used to convert minor touch-up jobs into major refinishing jobs.
- HACKSAW: One of a family of cutting tools built on the Ouija board principle... It transforms human energy into a crooked, unpredictable motion, and the more you attempt to influence its course, the more dismal your future becomes.



Tim Beegan

As was mentioned last month, Tim Beegan recently passed away. Ted Broberg has paid a visit with Tim Beegan's family, and presenting a Peace Lily from the club to them. The club is also sponsoring the planting of a tree in a National Forest in his memory. Ted circulated several cards at our Christmas party giving club members the opportunity to express our sentiments and wishes to the family, which he'll take to them later in the week. A recent photo of Tim and one of his planes is shown at the right.

From Annette Dora, Editor of the Inland Soaring Society (ISS) Newsletter**Coming Event: Southwest Classic in Phoenix**

For you competition pilots, the Southwest Classic event is now open for pre-entry. This is the annual event held in Phoenix, and this year has lots of flying to be done. Beginning on Thursday, Feb 17, 2011, the event starts with F3J in the Desert. This is a slightly modified version where launches will still be done simultaneously, but instead of human mules to pull the tow line, winches will be used. The event will fly Thursday and half day Friday. Friday afternoon will feature a LMR electric glider event. Saturday and Sunday will feature the main event of thermal duration mixed in with 3 rounds of add-em-up. On Saturday evening, the field turns to HLG, the Slo-Stik Combat event and night flying. If you wish to enter this event, use this link: www.casl.net.

Every Airplane That Was Ever Built

Long time HSS member Herman Hall has passed along this great web site. Be prepared to spend hours checking out all kinds of planes.

With the link below, you will be able pull up nearly every airplane that was built in every country in the world and every aircraft company. Want to check out almost any airplane ever built in the world? Old, new, military, civilian? Many have three view drawings, and historical descriptions.

Browse this site for a few minutes. You will be amazed at what has been done in airplane design. The amount of info available is unbelievable. It's called The Virtual Airplane Museum. <http://www.aviastar.org/index2.html>

Special Location for the February HSS General Meeting

Our Vice President, Chris Adamczyk, has scheduled a very neat idea for the general meeting in February 2011. Rather than have the usual evening meeting at the pizza restaurant on February 1, he has planned a special group activity in its place. The February meeting will be held on Saturday February 5th, at 10am, at the Lyon Air Museum located on the West side of John Wayne airport. This will certainly be of interest to members, who are invited to bring the kids and grandkids and maybe the wife (I'm glad I didn't say that - ed.). With our usual meeting turnout, we should get a group discount, but the museum is not excessively expensive, and HSS members who have gone previously say it is quite a show. After the museum tour, members are invited to an impromptu lunch at a (to be decided) local restaurant or fast foods establishment.

Chris has provided a copy of the museum brochure which is included on the following two pages. Admission prices are shown, along with a map.





HOURS OF OPERATION

10 am – 4 pm Daily

May be closed for holidays and special events; please call ahead.

ADMISSION RATES

- General Admission \$8
 - Seniors and Veterans \$6
 - Ages 5-17 \$4
 - Under 5 Free
 - Groups (10 or more) \$1 off each
 - Pre-arranged School Groups Free
- Prices subject to change.*

GROUP TOURS

Lyon Air Museum is a unique learning opportunity for old and young alike. Book now for a fascinating tour hosted by volunteer docents sharing remarkable stories. With your prior reservation, we can tailor the tour to your group's interests.



SnapIT with your smart phone!
Get the free app at:
<http://gettag.mobi>



19300 Ite Jones Road, Santa Ana, CA 92707
(714) 210-4585 www.lyonairmuseum.org
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THE GREATEST GENERATION IN AVIATION



Established by Major General William Lyon, Lyon Air Museum captures the remarkable history of World War II aviation. The Museum features an operational fleet of historically significant aircraft, serving as the foundation for its growing showcases of exhibits. The expansive venue, located on the west side of Orange County's John Wayne Airport, is the culmination of General Lyon's vision of a world-class aviation facility available to the community. Featuring authentic exhibits hosted by knowledgeable docents, the Lyon Air Museum experience is designed to educate and inspire young people and to preserve the stories of the greatest generation in aviation.

OUR MISSION

The mission of Lyon Air Museum is to provide a world-class venue of inspiration where the stories of aviation's past can touch the lives of its visitors through educational exhibits, authentic historical aircraft and related memorabilia.



A TRULY MEMORABLE EXPERIENCE



Hitler's Mercedes



WWII Newsreels



Kettentruck



Cadillac Series 62



American Airlines DC-3



Ford GPW Jeep



Authentic Displays



Boeing B-17 Flying Fortress



Douglas A-26 Invader



Indian Chief



BMW R-75

DID YOU SEE IT?

AIRCRAFT:

- Boeing B-17 Flying Fortress
- Douglas DC-3 Flagship Airliner
- Douglas C-47 Skytrain
- North American B-25 Mitchell
- Douglas A-26 Invader

CIVILIAN AUTOMOBILES:

- 1929 Lincoln Phaeton
- 1834 Packard Eight
- 1947 Lincoln Continental
- 1941 Cadillac Series 62
- 1940s Helms Bakery Truck

MILITARY AUTOMOBILES:

- 1941 Dodge Command Truck
- 1839 German VID Tempo
- 1942 Ford GPW Military Jeep
- 1943 Ford GPW Military Jeep

MILITARY MOTORCYCLES:

- 1943 BMW R-75 Sidecar
- 1944 BMW R-75 Sidecar
- 1945 Indian Chief
- 1943 Japanese Rikuo
- 1943 German Kettentruck

Seen Around the Field

Your editor has fallen a little behind in his research on photo subjects, so bear with a feeble apology, and fill in the facts where you know them. Anyone providing photos is invited to provide whatever interesting information such as owner builder, wing span, special features of the model, and any other pertinent data.

Below, Todd MacAndrew provided a photo of his new Ava. Also, we have a nice photo of the owner (Chris Hall?) and his big electric helicopter. And finally, we have our new Flight Quality Enforcer perched on our sign post. Shape up, fly right, or this guy takes you out of the sky.



Chilly Mountain Ride

Every now and then we like to report on member's extracurricular activities. In this case, Ted Broberg reports on a recent tour taken by Henry Smith III in his Austin Healey, Henry Smith IV and his MGB-GT, and Ted riding copilot. They participated in a fun run with the Austin Healey Club up along the Angeles Crest Highway.

Ted reports that it was great sport, and everything was going fine until: "H 3's Austin Healey hit a not-very-big rock in the road, and dinged a hole in the oil pan, which he patched with epoxy paste and toothpick-sized wood plugs, and H4's MGB-GT stayed right with their quicker mates. We stopped at Newcomb's Ranch, where it snowed light powder for a few seconds (just to warn the topless guys to put up their bonnets), and then we putted on to Wrightwood for lunch at the Raccoon Saloon. There was some more light snow later. Beautiful road trip for a winter's day!" (Hey Ted – Check your English vernacular – a bonnet is the hood. Ed.)

The group is shown below with Henry IV's blue MGB second from right, and Henry III's white and red Healey with the glass top third from right.



Still More Tools Explained

- **WISE-GRIPS:** Generally used after pliers to completely round off bolt heads. If nothing else is available, they can also be used to transfer intense welding heat to the palm of your hand.
- **OXYACETYLENE TORCH:** Used almost entirely for lighting various flammable objects in your shop on fire. Also handy for igniting the grease inside the wheel hub out of which you want to remove a bearing race.
- **TABLE SAW:** A large stationary power tool commonly used to launch wood projectiles for testing wall integrity.
- **HYDRAULIC FLOOR JACK:** Used for lowering an automobile to the ground after you have installed your new brake shoes , trapping the jack handle firmly under the bumper.
- **BAND SAW:** A large stationary power saw primarily used by most shops to cut good aluminum sheet into smaller pieces that more easily fit into the trash can after you cut on the inside of the line instead of the outside edge.
- **TWO-TON ENGINE HOST:** A tool for testing the maximum tensile strength of everything you forgot to disconnect.



Words Of Wisdom For Aviators

Both optimists and pessimists contribute to society. The optimist invents the airplane, the pessimist, the parachute.

If helicopters are so safe, how come there are no vintage helicopter fly-ins.

Death is just nature's way of telling you to watch your airspeed.

Real planes use only a single stick to fly. This is why bulldozers & helicopters -- in that order -- need two.

There are only three things the copilot should ever say:

1. Nice landing, Sir.
2. I'll buy the first round.
3. I'll take the fat one.

As a pilot only two bad things can happen to you and one of them will.

- a. One day you will walk out to the aircraft knowing that it is your last flight.
- b. One day you will walk out to the aircraft not knowing that it is your last flight.

There are Rules and there are Laws.

Rules are made by men who think that they know better how to fly your airplane than you.

Laws (of Physics) were ordained by nature. You can, and sometimes should, suspend the Rules but you can never suspend the Laws.

About Rules:

- a. The rules are a good place to hide if you don't have a better idea and the talent to execute it.
- b. If you deviate from a rule, it must be a flawless performance. (e.g., If you fly under a bridge, don't hit the bridge.)

The ideal pilot is the perfect blend of discipline and aggressiveness.

Ever notice that the only experts who decree that the age of the pilot is over are people who have never flown anything? Also, in spite of the intensity of their feelings that the pilot's day is over I know of no expert who has volunteered to be a passenger in a non-piloted aircraft.

Before each flight, make sure that your bladder is empty and your fuel tanks are full!

He who demands everything that his aircraft can give him is a pilot; he that demands one iota more is a fool.

There are certain aircraft sounds that can only be heard at night.

The aircraft limits are only there in case there is another flight by that particular aircraft. If subsequent flights do not appear likely, there are no limits.

Flying is a great way of life for men who want to feel like boys, but not for those who still are.

Flying is a hard way to earn an easy living.

In the Alaska bush I'd rather have a two hour bladder and three hours of gas than vice versa.

An old pilot is one who can remember when flying was dangerous and sex was safe.

Airlines have really changed, now a flight attendant can get a pilot pregnant.

I've flown in both pilot seats. Can someone tell me why the other one is always occupied by an idiot?

Son, you're going to have to make up your mind about growing up and becoming a pilot. You can't do both.

The scientific theory I like best is that the rings of Saturn are composed entirely of lost airline baggage.

You define a good flight by negatives: you didn't get hijacked, you didn't crash, you didn't throw up, you weren't late, you weren't nauseated by the food. So you're grateful.

Experience is something you don't get until just after you need it.



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

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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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MEMBERSHIP APPLICATION 2011

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I understand that by applying for membership in the Harbor Soaring Society, I must be a current member of the AMA. Please Print

NAME Home Ph.#

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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.
I request E-mail delivery of the monthly newsletter.
I request printed copy of the monthly newsletter by U.S. Mail.

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

Applicants making application for senior membership between July 1st and October 31st pay a reduced rate of \$10.00 (Name tag extra). 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.

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.

SIGNATURE: DATE

Total dues owed and attached: \$

SIGNATURE OF CLUB OFFICER RECEIVING APPLICATION



HSS MEMBERSHIP SURVEY – 2010 - 2011

Please take a few minutes to share your flying-related information with the HSS board so that we can better maintain and enhance the enjoyment of flight for you and all Fairview flyers. Thanks!

Name _____ Date _____

1. What kind of RC flying/planes do you enjoy? (1=favorite, 2=next, etc):

Glider: Winch launch___ Hi-start___ Slope___ Hand-launch___ Other _____

E-power: Powered Sailplanes___ Scale___ Sport___ Acrobatic___ 3D___ Speed___ Helicopter/autogyro ___

Other-such as _____

2. Where do you prefer to fly at Fairview? (1, 2, 3, etc) Sailplane area ___ Slope ___ Runway ___ Other ___

3. Which days do you usually fly? Weekday___ Saturday___ Sunday___

4. When is your usual time? Early AM___ Mid-late AM___ Noon___ Early PM___ Late PM___

5. How often do you usually fly? Almost Daily___ Two-three days/week ___ Every week or so___ Less___

6. At the field what do you prefer to do? Mostly fly___ Mostly socialize___ Both equally___

7. What kind of activities would you best enjoy at the field? (1=favorite, 2=next, etc):

Contests___ Which kind? _____

Fun flies___ Swap meets___ Displays___ Airshows___ Social activities___ breakfasts___ BQ lunches/dinners___

Other-such as _____

8. Do you often fly at some other site(s)? ___ **9. Where?** _____

10. Do you belong to any other RC club(s)? ___ **11. Which?** _____

12. Do you read the HSS Plane Rap ___ Comments? Suggestions _____

13. Do you visit/use the HSS web site? ___ Comments? Suggestions? _____

14. Do you attend HSS meetings? Usually___ Sometimes___ Seldom___ Never___

Comments? Suggestions? Speaker/Subject Ideas? _____

15. Are you retired? ___ **16. Do you have any special skill, expertise, experience or time which you might share?** ___ What? _____

17. Would you help out occasionally with small simple club projects (one-two hours)? ___

18. Would you consider donating planes, equipment, funds or other for club purposes? ___

Comments? Suggestions? _____

19. What can the club do better as to the field, membership services, etc? Comment? Suggestions? _____

20. Would you consider serving as a HSS board member? ___ **Contest Director?** ___ **Trainer?** ___

Committee member? ___ **Special Projects helper?** ___ **Meeting speaker?** ___ **Other?** _____

Thanks for your info! Please: respond as instructed in the on-screen survey; or email via: www.1hss.org;

Or mail to: Harbor Soaring Society . P.O. Box 1673 . Costa Mesa, CA 92626



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

NEXT CLUB MEETING WILL BE:

**TUESDAY JANUARY 4TH, AT ROUND TABLE PIZZA, 11075 WARNER AVE.
FOUNTAIN VALLEY, 7 – 9 PM. ALL YOU CAN EAT \$6.99.**

**BRING YOUR WIFE, FAMILY, AND FRIENDS FOR DINNER. HELP PLAN HSS GOALS AND
ACTIVITIES FOR 2011. THERE WILL BE A SPECTACULAR RAFFLE, AND SHOW AND TELL.**

SEE DETAILS AND MAP TO LOCATION ON PAGES 7.

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

Harbor Soaring Society
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