

HSS is the oldest AMA chartered R/C Soaring Club in the USA Founded 1964

February 2007 VOLUME 44

President's Message

Hello Fellow Club Members.

Another month has slipped by in the Year of Our Lord 2007 and with thanks to the City staff and Council members we are still enjoying the privilege of flying our model aircraft at Fairview Park. After the City Council approvals on January 16th it looks like that around the middle of February we will still be flying at this same location; but with a few changes. Anyone who wishes to continue flying at this location will have to obtain a permit from the City of Costa Mesa. To obtain this permit you must go to the City Hall at 77 Fair Drive. with some form of personal identification i.e. your driver's license, and your AMA card or proof of \$500,000 liability insurance, read and sign the agreement and pay a nominal fee of \$20.00. All persons who have a permit and are willing to agree to follow the rules, guidelines, etc. associated with this ordinance are more than welcome to come out and fly at Fairview Park. If you wish to read these documents please visit the City's web site http://www.ci.costa-mesa.ca.us/ and look under agendas, city council, agendas, 2007-01-16, old business, #2. Any questions? Contact Jim Hanson at tog4rc@pacbell.net or 949-294-8365.

Jim Hanson HSS President

Newsletter Inputs-Needed by 3rd Friday of Each Month- Repeat Request

We want the monthly club newsletters to be interesting and informative for beginners and experienced soaring and electric power flyers alike. If you see a build, how- to, or other article in a model magazine on sailplanes or electric powered models that grabs your interest, tell me about it including magazine name, issue date, page number and title and author of the article. Naturally, we want pictures and descriptions your latest model in work or completed including motor/gear ratio, battery, speed control used, maiden flight and post-maiden mods.

Your newsletter editor, Gary Gullikson, would like to receive newsletter inputs, text and photos (if any), by email, phone or US mail by around the third Friday of each month. This gives me time to assemble a draft newsletter, get it to the Publisher, Mike Gaczkowski, and for Mike to finalize, print and e-mail it to all hands by around the first of the month. Send or phone inputs to me, Gary Gullikson, by e-mail ggullikson@socal.rr.com by phone (714) 539-8880 or by mail to 10242 Parliament Ave. Garden Grove, CA 92840.

Articles of Interest #1

Your editor is an avid reader of Model Aviation (AMA) and Model Airplane News. I also follow and contribute to RC Groups, E-Zone, especially the Scale Electrics forum. I will make note of articles and forum "threads" of special interest to HSS members and include reference info in monthly Plane Rap issues. If you find articles or any other information that you think others would like to know about, please e-mail accurate and complete reference information to me, Gary Gullikson, ggullikson@socal.rr.com.

Model Airplane News, Feb 2007

Page Subject - Information

- 57 Fly Scale Maneuvers-Dave Patrick-How to fly scale model maneuvers in competition.
- 64 Flight Test-Raptor 3D Chopper
- 86 Flight Test-Electri-Fly YAK 54 3D ARF, 8 Hours to assemble
- 90 Flight Test-Maxford USA, Curtiss Jenny Bipe ARF park flyer
- 98 Flight Test-Dymond Model Sport Katana Acrobat park flyer
- 106 Multi-Motor Simplicity- Conversion of Cedar Hobbies B-17 to electric power, four AXI 2820-10's.
- 110 Flight Test-E2C Hawkeye Sport scale win engine ARF Carrier based tactical airborne warning and control system (phew) aircraft
- Douglas DC-6 Mainliner- Pat Tritle's build article for his 4-engine light construction stick-built airliner. Uses four EPU-4 (like GWS DX-A) motor gear drives and one 2100 mah 2S lipo pack. Detailed photo build article is on RC Groups E-Zone, Electric Scale forum.

Model Aviation (AMA Magazine) January 2007

Page Subject - Information

- Power Scale Soaring Festival-May 26-28, 2006 Southern CA- Un-powered scale-like slope soaring competitions.
- 28 Pfalz E.V- Build article sport scale WWI park flyer-small outrunner power.
- 54 Pacific Aeromodel Edge 540T .40 ARF- Conversion to E-Power
- 88 Micro Flying-Indoor electric RC projects.
- 97 The Battery Clinic Battery chargers, etc

RC Groups, E-Zone Online Forums http://www.ezonemag.com/

Many separate forums, broken down by model types including park flyers, scale, sailplanes, helis., boats, etc, etc. and forums on power systems, batteries and chargers, etc, etc. Enough reason for any modeler to buy a PC and internet service, don't know what I'd do without it and it's for free. Includes lots of how- to and build articles with pictures.

E-Zone Design and Build-off Contest Your editor kicked off a Fun Scale Model Design and Build-off Contest for Pro and Amateur designers. Charlie Manzano AKA "Portable vcb "took over contest rules administration. Pro's are those who have published designs in magazines or kits, Amateurs are those who have not done so. Designs are limited to propeller driven electric-powered scale models of 60" wingspan or less, civilian or military, any vintage. Designs must be original, building from other's plans not permitted. Build must be documented on E-Zone with pics including final in-flight and post flight pics to document successful flight. Participants must register on E-Zone by February 28, 2007. Models must fly before end of contest on May 31, 2007. Registered E-Zone users will vote for their favorite designs in Pro and Amateur categories between May 31 and June 15, 2007. Acrylic plaques to be awarded to winners. Detailed rules are posted on E-Zone here: http://www.rcgroups.com/forums/showthread.php?t=620206

City Events

Costa Mesa's 4th Annual Lounge Chair Theatre Feb 3, 5pm at Community Center Adams Room 1845 Park Avenue the movie is "Chronicals of Narnia' free admission...face painting and crafts for the kids ...for sale grilled food, snacks, beverages, popcorn, candy and glow bracelets. I can send a scanned poster to you? We should note help from HSS (setting up, selling stuff, etc. would be welcome...come at 4pm).

There's a winter nature walk and a park cleanup coming in April..more on that for next issue.

Best regards,

John Anderson

Minutes HSS Officers Meeting Jan 3. 2007

Jim Hanson, incoming President, provided each board member present with a package of related documents including officer duties, meeting format, etc. and reviewed the same.

John Anderson, incoming Secretary, requested the location of the club records and was told to see David Whittington. John will also make a transcript of the FAA/City/HSS meeting tape.

Prospective events for the coming year were discussed. John Anderson suggested that we begin with an overview of the types and classes of planes flown at Fairview. These include soaring gliders for which several types of events exist (although somewhat handicapped by the 400-foot altitude limit) and slope gliders (which are said to be handicapped by the lack of consistent upslope winds); and E-powered types which include: scale, 3-D, park flyers, and helicopters.

Further event discussion included the prospect of a RES/Woodcrafters glider contest around June 16th (Fathers Day). As regards gliders it was noted that the Club had adopted SC Squared classes: Sportsman,

Intermediate, and Advanced. John advanced the idea of informal events to encourage entry level as well as more advanced flyers to "try out" various classes such as 3-D or even fun events such as an "Easy Star" or "SloStik" day. ...sort of an informal "Try & Fly", "Demo Day", "Show & Tell" or the like. Jim noted that the Club already had various lists along these lines. John then urged more of a visible event including benches, chairs, club banners, picture exhibits promoting the range of the Fairview Park flying activities and community service (such as the glider flying instruction and Sea Scout training program).

(Minutes - continued)

We then discussed the newsletter and its distribution via email vs. snail mail and noted the importance of getting more articles and pictures to the editor in a timely fashion. The web site was discussed as well with Don Knight incoming webmaster. Several issues and ideas were touched upon.

Jim Hanson reviewed incorporation particulars and their pros and cons. He will obtain more information. Jim also cited the AMA requirement to file accident/incident reports with the AMA and the need to convey that requirement to all flyers via the newsletter, field posting and the web site. John suggested that that requirement could be included in the pilot permit information packet.

Jim Hanson, as outgoing Treasurer reported that there was \$6000 in the club account at year's end.

Berkeley Green of the Sea Scout Base described the successful HSS training program for kids 914. The program includes basic aerodynamics, construction projects, and computer flight simulations. To date 71kids have received instruction from Jim Hanson (construction), Don Knight (computer simulation) and John Anderson (basic aerodynamics/construction).

John raised the prospect of a Club library and photo books and was directed to Walt Cloer.

Finally, those present discussed the suitability of the Sea Scout base as a club meeting place. Karl Hawley suggested the Main School/gym at 19th and the 55 Freeway. Jim will evaluate same and report. The idea is to identify any prospective facility suitable for both meetings and flying indoor RC.

It was noted that the AMA convention is coming and that we should attend; that Chuck Hollinger was to be honored preceding the Saturday sessions; and that we should discuss with the AMA their position/requirements for informal fun flys.

John Anderson, HSS Secretary

Membership Dues Are Due!!!!

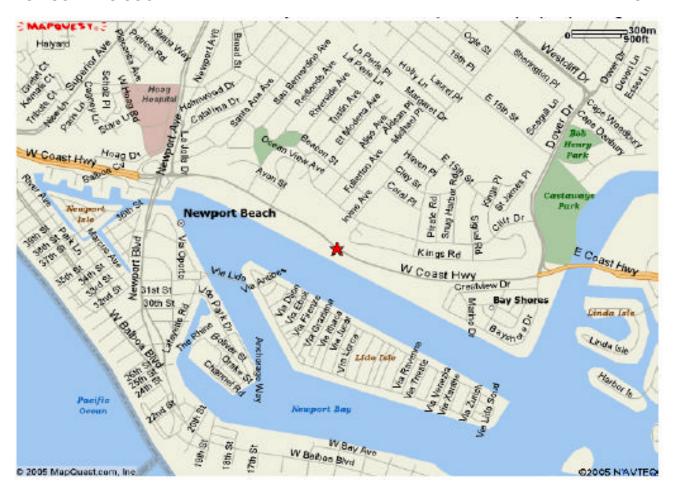
Current and new HSS members who have not done so already are asked to fill out the form on page 10 or download the application form off the HSS website (1hss.org), complete the form, make a copy of their AMA card and send the application, AMA card copy, and check for \$20 in an envelope to Jim Hanson at the address shown on the application form. For those few who are not on the internet, please contact Jim Hanson by phone, at (949) 294-8365.

February 1st 2007 Meeting Notice

Club meetings are at! 7:30 pm, 1^{st} Thursday of each month at the Newport sea base at 1931 west coast highway, Newport Beach.

Directions: Take anything to Coast Highway in Newport Beach. Go East on Coast Highway several blocks East of Newport Blvd. It is adjacent to the UC Irvine/Orange Coast College sailing facility. There is a parking lot in front of the building, and an additional public parking lot a short block up from the corner of Coast Highway and Tustin Avenue (City of Newport not City of Tustin). Some metered parking is also available on Coast Highway. Warning, do not park in business lots such as Ardels or Taco Bell. They have observers to prevent improper parking.

(see map on next page)



Walt Cloer - Featured HSS Member

Walt has started in model aviation at age 10, building stick and tissue rubber powered models. He eventually owned and operated a machine shop in Colorado Springs, Colorado and started a side business producing large RC scale fiberglass kits of the Douglas DC-3 which he loved. He became quite involved in ultra-light planes. He used to range far and wide in his Pterodactyl over the plains of Eastern Colorado and into Kansas, enjoying the freedom of flight. He used to land in an open field and camp out over night. He said one of the biggest thrills was to climb up to a high altitude, shut down the engine, glide along for some time and eventually re-start the engine by pulling on the recoil starter cord. Walt continues with his love of airplanes as a builder, innovator and flier of radio controlled electric scale models

Walt served as the president of the Harbor Soaring Society for the year of 2006 guiding the club through some difficult times. He helped to set up rules and guidelines so that the club could function and enjoy the flying site granted to us by the City of Costa Mesa and included some serious hoop jumping to please the FAA, police department, parks commission, and the City of Costa Mesa. So, even though Walt is no longer president, he asks that we members participate in club meetings and represent the club at city council meetings and help in the field maintenance. Walt is a true gentleman, a friend and a helper to anyone who needs assistance with their plane or help with learning to fly.

So, thank you, Walt, for your hard work as president in 2006 and for continuing as a much valued member of HSS.

See Pictures of Walt's Planes on the following page:















A Work Completed

By next Wednesday your editor's 48" w/s Cessna 140 will have attempted its maiden flight. It was built from a Pat Tritle "short kit" and has been a challenge. Lessons re-learned, take precautions to assure that fuselage does not resemble a banana, use spruce or very hard balsa 1/16" stringers, avoid excessive "beefing up", and use magic when gluing windshield into place so that it comes out neatly with no gaps between windshield and cowl top. Nose to back of cabin area of fuselage were inlaid with balsa sheet (very tedious). Fuselage was covered with chrome monokote and scrubbed with Scotchbrite pad to simulate aluminum "spam can" look. Wing has a carbon rod inside and was covered in Microlite silver to save weight and simulate 1946 C-140 silver painted rag wing. Plane is powered by Hobby Lobby's Esskay 400XT out runner, Phoenix 10 three amp ESC, and 1200mah 2S lipo. Two Blue arrow 4.3 gram servos used for ailerons, and two HS-55's for rudder and elevator. Rudder is pull-pull, elevator by pushrod. All up weight is 17 to 19 ounces depending on size of 2S pack.



Classified Ads

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

Got something to sell this month? Send ad inputs to Gary Gullikson, ggullikson@socal.rr.com. Give clear description, condition, asking price and how to reach you.

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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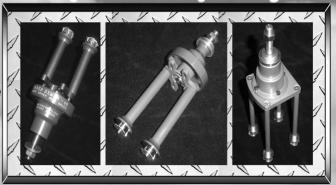
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I-10 at Alabama

909-307-1185

2610 S. Decatur Blvd. Decatur at W. Sahara 702-871-6191

LAS VEGAS #2

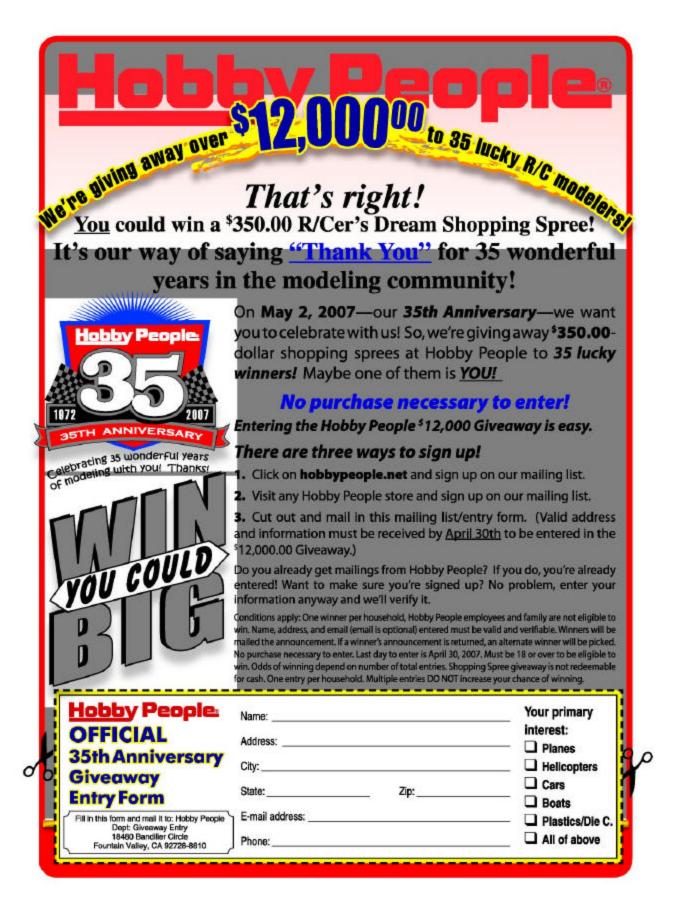
5466 Boulder Highway At E. Tropicana Ave. 702-547-2204

LAS VEGAS #1

LAKE FOREST

23788 Mercury Road In Rockfield Showplace Comer of Rockfield & Mercury (949) 609-1135

HOBBY PEOPLE STORE HOURS: Monday-Friday: 10a.m.-9p.m., Saturday: 10a.m.-6p.m., Sunday: 10a.m.-5p.m.



MEMBERSHIP APPLICATION 2007

Harbor Soaring Society

AMA Chartered Club # 128

P.O. Box 1673

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AMA's Oldest Chartered Soaring Club

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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	STATE Zip E-M	
AMA #	(PROOF OF STATUS REQUIR	ED, Xerox copy OK)
	Frequency channel	
SENIOR MEMBER (Renewal JUNIOR MEMBER(A FAMILY MEMBER(A Optional or Extra HSS Name I hereby give my permission ADDRESS] in the monthly should not be published). N I request E-mail delivery of the letter F. Thermal Duration Gliders	e tag= \$5.00 In to publish my [NAME], [ADDIT I newsletter. (Strike out any element I newsletter is published on the monthly newsletter in place of to Introl flying are? Check all that app Slope Soaring Gliders	r) = \$20.00 RESS], [PHONE], [E-MAIL at of personal information that a club web site. U.S. Mail delivery of hard copy. bly. Show future interests with RES Gliders
Large Scale Gliders Park Flyer Electric Planes Electric Pylon Racing	Hand Launched Gliders	Electric Motor Gliders
rate of \$10.00 (Name tag extra). No December 31st will pay the annual in full for the following year. A significant of the statement of the st	senior membership between July 1st New applicants making application bet al rate indicated above and such dues nature is required from all Harbor Soa afety Code and the current HSS Gene	tween November 1st and will make the new member paid aring Society members, agreeing
currently allowed by the FCC. F field must be manufactured to a separation. I understand that n	will operate my model using only re Further, any transmitter that I use at meet the AMA/FCC specified 20 Kha my failure to comply with the above e for damages caused or claimed.	t any designateḋ HSS flying z per channel frequency
SIGNATURE:	DATE_	
Total dues owed and attache	d: \$	
SIGNATURE OF CLUB OFFIC	CER RECEIVING APPLICATION	

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Treasurer Jim Hanson (949) 294-8365 tog4rc@pacbell.net	
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LSF Coordinator Jeff Donoh (562)868-2190 <u>jdonoho@ellisonsc.com</u>	
Field Marshal Karl Hawley (949)574-9379 <u>www.1hss.org</u>	

CLUB MEETINGS ARE AT! 7:30 PM, 1ST THURSDAY OF EACH MONTH AT THE NEWPORT SEA BASE AT 1931 WEST COAST HIGHWAY, NEWPORT BEACH. SEE MAP IN THIS ISSUE FOR DIRECTIONS AND PARKING INSTRUCTIONS. SEE OUR NEW WEB SITE AT WWW.HARBORSOARINGSOCIETY.NET FOR A BRIGHT NEW CLUB IMAGE. OUR OTHER WEB SITE CAN STILL BE VIEWED AT WWW.1HSS.ORG. BOTH FEATURE THE LATEST NEWS, THE COLOR ISSUE OF PLANE RAP, PHOTOS, AND MORE.