



HSS is now incorporated as a non-profit Public Charity under IRS section 501(c)(3)
 HSS is the oldest AMA chartered R/C Soaring Club in the USA. Founded in 1964.

April 2024

HSS IS NOW 60 YEARS OLD!

Volume 75

HSS PLANE RAP NEWSLETTER

Fairview Park flying field is open!
 RC gliders can fly 1st & 3rd Saturdays, 8am-2pm
 Hand launched and rubber powered free flight models are allowed any day.

Plane Rap Index

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Coming Events

April 2024

- April meeting will be at Round Table Pizza on Apr 9, 7:00 – 9:00
- Fairview Park flying days! Apr 6 & 20.
- Imaginology Apr 13 & 14. **We need models & volunteers!**
- Be sure you have your 2024 HSS Membership and CM City permit!



The TRUST Test and FAA Registration

TRUST is The Recreational UAS Safety Test. It provides education and testing for recreational flyers on important safety and regulatory information. If you fly your drone recreationally under the [Exception for Recreational Flyers](#) you must pass the test before you fly. To take the test, go to <http://trust.modelaircraft.org>. This is the AMA Site. Take the test (Don't worry, it is fail proof) then obtain your "Completion Certificate."

All recreational flyers must pass this aeronautical knowledge and safety test and provide proof of test passage (the TRUST completion certificate) to the FAA or law enforcement upon request.

Go to <http://faadronezone.faa.gov> and create an account for your FAA Registration. Apply for "I fly under The Exception For Recreational Flyers". They will issue you an FAA registration number that must be affixed to the outside of all of your radio control model aircraft. The charge is \$3 for three years, for all of your R/C aircraft.

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HSS Membership

Our 2024 HSS membership enrollment season is running full speed. Note that annual membership dues is now reduced to \$15. The latest membership application is included in the last pages of this newsletter. This can be mailed 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.harborsoaringsociety.org. Applicants must be members of the AMA prior to joining HSS. AMA Membership applications can also be obtained at the AMA web site www.modelaircraft.org, download document No. 902 from the publications page. Or you can apply on line. If you renew your AMA membership online, be sure to print the receipt that they provide as proof that you joined. And, don't forget your City of Costa Mesa Flying Permit.

HSS Club Decals

We now have decals / vinyl stickers with the HSS logo available. There are 3" diameter and would look great on your planes or in the back window of your car. Come to the meeting to get one or several. These cost the club \$1.20 each, so please donate to the treasury if you want more than one.



IMAGINOLOGY

• POWER YOUR •
IMAGINATION

— AT THE OC FAIRGROUNDS —

April 13-14, 2024

Enjoy Free Family Fun

Live Entertainment

S.T.E.A.M.

Livestock &

Competitions

Agricultural Demos

Hands-on Workshops

Food & Exhibitors

& Activities



RCX Show

John Rittenhouse was able to attend the RCX show at the Pomona Fairgrounds on March 16. He will be posting videos and photos on 1hss.org soon. Check it out!



Passed Members

We learned recently that two of our members have “flown west:” Robert McKinsey and Jim Sonnenmeier. Both were avid HSS members.



Robert McKinsey



Jim Sonnenmeier and Mike Morjoseph



The HSS field at Fairview Park is an established FRIA, so models there do not need a Remote ID module.

REMOTE ID ENFORCEMENT BEGINS!

[ed note: The FAA's new Remote ID regulations were to have been in place in September 2023, and they were. But at the last minute, the FAA delayed enforcement of the regulations until 03/16/2024, which is right around the corner. The AMA published a nice reminder article in the March 2024 Model Aviation magazine that I'm including here for those of you who might not read MA. OCMA Field is a FRIA site so as long as you fly there you don't need a Remote ID transponder but you do need to carry your FAA UAS registration card.]

by **Chrystal Pearson**
AMA Director of Government Relations

ON MARCH 16, 2024, the FAA will begin enforcing the remote identification (Remote ID) of uncrewed aircraft systems (UAS). The following is a quick refresher on the topic and how to comply.

Q: Who needs to comply with Remote ID?

A: All radio-controlled aircraft that weigh more than 0.55 pounds (250 grams) must comply. UAS include both traditional model aircraft and drones.

Q: How do I comply?

A: The three ways to comply are to operate a Standard Remote ID UAS, attach an after-market broadcast module to the UAS; or fly at an FAA-Recognized Identification Area (FRIA).

Q: How do I know if my UAS is equipped with Standard Remote ID?

A: Most in our community will not meet the Remote ID rule with this option, because only complete, off-the-shelf UAS will have standard Remote ID built in. If you do purchase a complete system and are unsure if it meets the requirements, you can search its serial number at this site:

<https://uasdoc.faa.gov/listdocs>

If it is not found, it does not meet the requirements for standard Remote ID.

Q: How do I comply with the rule through the broadcast module option?

A: There are several broadcast modules currently available. They differ in price, features, and options, so it is important to choose the module that works best for you. Visit: <https://amablog.modelaircraft.org/amagov/2023/03/29/remote-id-broadcast-module-update/>

It might be a helpful resource.

Q: Do I need to purchase a module for each of my aircraft?

A: No. Broadcast modules can be moved from aircraft to aircraft. You certainly can purchase more than one, but recreational operators are not required to have a module for each of their aircraft. Be sure to add the broadcast module to your FAA DroneZone dashboard.

Q: Where can I find a FRIA or determine whether my flying site has this status?

A: The AMA Club Finder tool has a filter option for FRIAs at:

www.modelaircraft.org/club-finder

You can search by city/state and check the box next to FRIA sites; only sites that are FRIA approved will be included in the search. The FAA's UAS Facility Map has also been updated to include FRIA sites across the country.

Q: How do I apply for FRIA status for my flying site?

A: Please send an email to fria@modelaircraft.org to get started. The AMA Government Affairs department has a blog with additional information that we encourage members to regularly review. Visit: <https://amablog.modelaircraft.org/amagov> to remain up to date.



Federal Aviation Administration
FAADroneZone



Social Media Links

Here's how to find HSS on various social media. Check them out!

HSS FaceBook: <https://www.facebook.com/harborsoaringsociety>

HSS Website: <https://www.harborsoaringsociety.org/> (New Vendor Page)

HSS YouTube: <https://www.youtube.com/@HSS-RC-Glider-Club>

BIG C-17 Model

Mike Costello found a series of YouTube videos about the construction and flying of a 20' C-17 RC model. It's made of foam carved to shape on a huge 5-axis CNC machine, covered with carbon fiber, then a layer of fiberglass for a smoother surface finish. Power is 4 EDFs. Here's a link to the first video:

<https://youtu.be/Z0JY41qxZhU?si=zqIkI42Rf35UQtN> Check out the other big EDFs in the background of the shop!



HSS Planned Activities and Events

Thanks to John Rittenhouse for the preparation of the following Calendar of Events.

Some of the activities have not been cancelled yet, but are subject to cancellation at a moment's notice.

Repeating activities include:

- Monthly General Meetings - 7 to 9 PM on the second Tuesday of each month. These are now in person.
- Monthly Steering Committee Meetings - 6 to 7 PM on the second Tuesday of each month. These are now in person. Additional meetings to be planned as required.
- Flying field maintenance on an as-needed basis.
- Quarterly meetings with the Orange County Parks Department. .

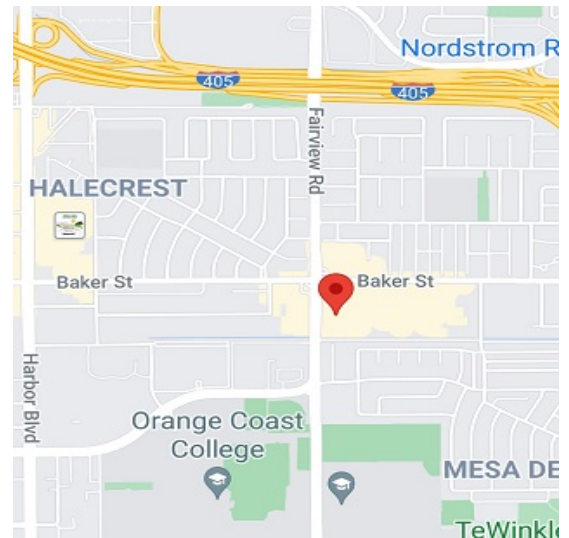
Annual Events:

- 2.10.2023 Wix, website management payment due.
- 3.23.2024 Wix, harborsoaringsociety.org domain name re-registration payment due.
- 7.2023 Network Solutions, website domain name re-registration payment due.
- March AMA charter and "Gold Leader Club" renewal.
- March Club must purchase "Certificate of Liability Insurance" from AMA.
- April Imaginology - This is a public service event held at the Orange County Fairgrounds. HSS provides booths containing static displays of model aircraft, build and fly paper gliders, and model flight simulators.
- June Southern California Soaring Clubs (SC-2) glider competition. HSS hosts local glider clubs, for one of the monthly events held throughout Southern California.*
- July Concerts at the Park - Three evenings on Tuesday nights in July at Fairview Park. Music is sponsored by the City of Costa Mesa. HSS supports this public service event with a pop-up sunshade, and static display of model aircraft.
- July Bent Wing Glider Competition. This event is open to all club members and guests.*
- August National Model Aviation Day. Open house, demonstrations, free flying lessons, and acquiring donations for charity.*
- August Dollar Foam Design/Build/Fly competition. Tentative schedule. Aircraft are original designs, electric powered RC models made from a single sheet of paper backed 1/4" foam. Performance criteria to be determined.
- September Electric Fun Fly Competition. Tentative schedule. Multiple events are planned for club members and guests.
- September Club Secretary shall submit annual 501(c)(3) report to IRS (include \$25 payment).
- October Pumpkin Festival/Scarecrow Competition. This is a public service activity for HSS. It is planned by the city, to be held at the Lions Park
- October Nominations made for new club officers.
- November New club officer election. General Meeting.
- December Christmas party and new club officer installation. Location to be determined.
- TBD Letter of Agreement with John Wayne control tower. Renew every two years.



Next Meeting

Our normal schedule is to meet on the second Tuesday of each month from 7 to 9 PM at the Round Table Pizza restaurant located at 1175 Baker Street, at the South East corner of Baker and Fairview. They have a meeting room but no buffet. Individual pizzas, sandwiches, and drinks can be ordered. Phone is 714-549-2101. Bring your favorite plane for show-and-tell. Bring your wife, family, and friends. There may be a raffle. The new location map is shown at right. The monthly HSS Steering Committee meeting is held from 6 to 7 PM just prior to the General Meeting.



Free Plane Rap Copies

Rob Askegaard has free near new color copies of HSS Plane Rap newsletters from 2005 through 2017 that he would like to give away. Contact Rob at the monthly meetings or 714-873-7710. rmaskgrd@gmail.com.

Invitation To Members For Contributions To The Plane Rap Newsletter

Your editor would love to hear from club members. If there is anything you would like to share with the rest of us, I would like you to send it to me. I will add it to the next newsletter. My favorite things to publish are items sent in by members!! These can be anything like reviews of your plane or equipment, links to good videos, links to articles, and things you have built or created. Bad spelling and/or grammar gladly accepted. Anything from a picture with a caption to a full blown build/review article is good. Letters-to-the-Editor are always welcome as well. Tell us what you think. Please help make the newsletter and website more interesting with your submissions. Embarrassing pictures/videos are the best. I look forward to hearing from you.

Mike Costello - Plane Rap Editor - mikeftre@gmail.com.

Photos of Your Planes

John Rittenhouse has become the club photographer, with Mike Costello as a backup. This is your newsletter, so if you want to see your models featured, or photos of something that interests you, please send to the newsletter editor.



For Sale

Randy Wilbur has the following for sale. All prices negotiable

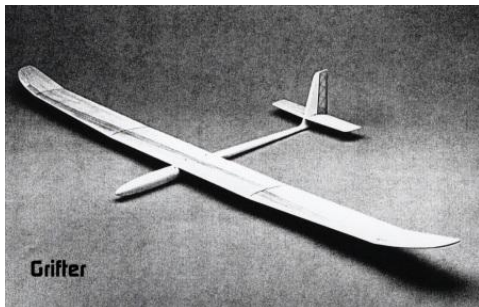
- VQ Douglas A-26K 69" span. Uses two .46 engines or electrics \$350
- VQ deHavilland Beaver 101" span, with Bully 35cc engine and full servos installed. Needs some love, tail feathers knocked off \$300
- Jerry Bates Bearcat Plans + dummy engine, canopy \$40

Contact Randy at 949-683-9662

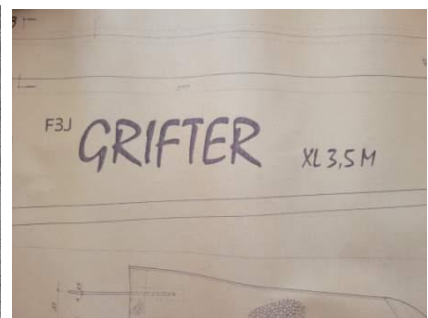
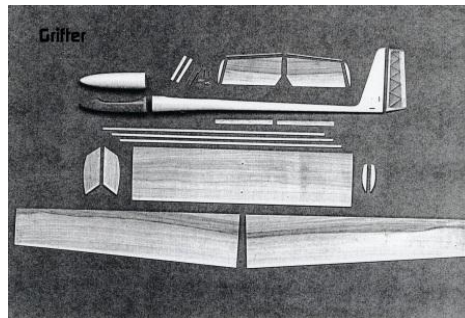
Alberto Dona has the following for sale. Prices negotiable. All are glass fuselage with obechi sheeted foam wings.

- Grifter3.5m ARF (Global / Hobby Shack)
- Velvia Fly 2m
- Lotus HLG 2m
- HobbyClub now has balsa for sale in many shapes & sizes; see ad

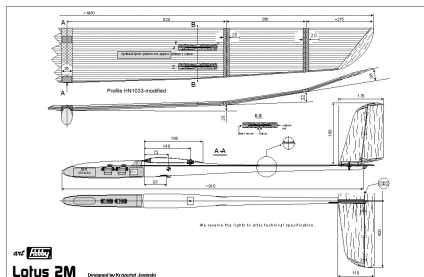
Contact Alberto at 949-310-3631 or hobbyclub@earthlink.net



Grifter 3.5m



Velvia 2m



Lotus 2m
April 2024



HSS Sponsors

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

AirPixel Technologies/FrSky Distributor

I just wanted to reach out on behalf of FrSky, as we are working directly with the manufacturer to do some community outreach to aviation clubs that are close to us here in Southern California, as provided by the AMA Club list. If anyone who happens to be a part of your club or organization is looking to purchase any number of **FrSky radios, receivers, gimbals, or other FrSky products**, we would love to assist in fulfilling these needs. During this outreach, we will be **lowering our prices to assist local clubs** in obtaining the necessary gear to get members flying as soon as possible. If you or anyone in your club is looking for products of this variety to assist in your RC aspirations, please do not hesitate to contact us via email or at our office phone number, which I will attach below, where we can answer questions regarding sales and warranty questions, and assist with any and all FrSky product related technical difficulties that you or your club members might run into.

Thanks so much for keeping the hobby alive and I look forward to hearing from you! -Brock

Brock Nelson <Brock@airpixeltek.com> **sales** <sales@airpixeltek.com>

AirPixel Technologies: North American FrSky Distribution and Service Center
[9690 Telstar Ave.](#) [Suite 226](#) [El Monte, CA 91731](#) Phone: 626-656-3121

RC Visions Hobby Shop

RC VISIONS HOBBY SHOP

Sales / Parts / Repair

Radio Control Airplanes, Helicopters, and Cars.

15071 Goldenwest St. Huntington Beach

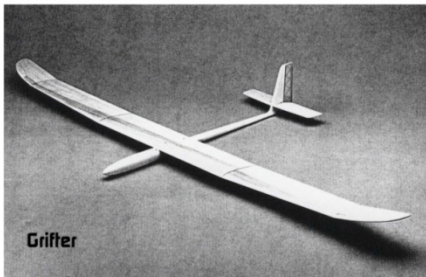
S.W. Corner of Goldenwest & Bolsa Ave

(714) 372-3777 or (949) 506-8188

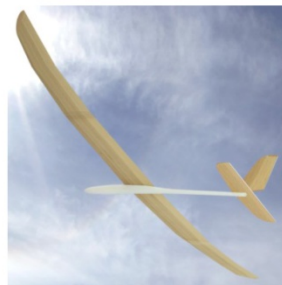
Open seven days a week



TOP QUALITY MODEL GRADE Balsa Wood Sheets and ARF GLIDERS*** Dealer's Inquiries Invited



GRIFTER ARF 3400mm (133.8 in) \$499.95



LOTUS 2000m (78.7 in) \$299.95



VELVIA 2000mm (78.7 in) \$299.95



Azurreich 59.9 in. ARF HLG \$399.95

Balsa Wood Sheets

- 1.0 mm (1/32") \$1.50
- 1.5 mm (1/16") \$1.60
- 2.0 mm (5/64") \$1.75
- 2.5 mm (3/32") \$1.95
- 3.0 mm (1/8") \$2.25
- 4.0mm (5/32") \$2.50
- 5.0mm (3/16") \$2.75
- 6.5mm (1/4") \$3.00



MINI SINBAD Kit 48.4 in. \$59.95

Balsa Wood Sheets

Other thicknesses and sizes available

HOBBY CLUB

www.hobbyclub.com

Ph. 949-425-1362



SOCIETY



MEMBERSHIP APPLICATION 2024

Harbor Soaring Society

AMA Chartered Club #128 - AMA's Oldest Chartered Soaring Club

P.O. Box 1673 Costa Mesa, CA 92628

Revised October 3, 2022

I understand that by applying for membership in the Harbor Soaring Society I must be a current member of the AMA (Proof of status required, may be photocopy of membership card or AMA receipt of fees paid). In addition, I will take the AMA TRUST test and show my Completion Certificate. When I acquire or already have acquired any Unmanned Radio-Controlled Aircraft, I will apply for an FAA Registration Number and affix that number to all my aircraft.

Name _____ AMA # _____

Address _____

City _____ State _____ Zip _____

Home Phone _____ Work Phone _____

Date of Birth _____ Email _____

AMA TRUST Completion Certificate Date _____

FAA Registration Number _____ Date of Registration _____

- New Applicants (Without Name Tag) (19 years and older): \$15.00
- Adult Member (Renewal Without Name Tag) (19 years and older): \$15.00
- Junior Member (Without Name Tag) (19 years and under): \$0.00
- Family Member (Without Name Tag) (At Same Address): \$5.00.
- Supporting Member Is non-flying member, includes newsletter. No voting, no AMA, no City permit. \$0.00.
- Optional or Extra HSS Name Tag: \$15.00
- I hereby give my permission to publish my [Name], [Address], [Phone], [Email Address] in the monthly Newsletter. **Strike out those not to be published.** Note that the Newsletter is published on the club website (<http://www.harborsoaringsociety.org>).
- I request Email delivery of the monthly Newsletter in place of U.S. Mail delivery of hardcopy
- I request a printed copy of the monthly Newsletter by U.S. Mail. Printing and Mailing: \$20.00/year

Only glider aircraft are allowed to fly at Fairview Park. Check all your interests.

Duration Gliders _____	Slope Soaring Gliders _____	RES Gliders _____
Large Scale Gliders _____	Hand Launched Gliders _____	Electric Motor Gliders _____
Indoor Electric Planes _____	Electric Helicopters _____	Free Flight _____

In accordance with the Federal Equal Opportunity Act, this organization prohibits discrimination against anyone based on race, color, religion, national origin, sex, marital status, age, individuals with disabilities or veterans. 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 for the following year. Applications for adult members submitted between July 1st and October 31st will pay a reduced rate of \$15.00 (name tags extra). A signature is required from all Harbor Soaring Society members, agreeing to comply with the current AMA Safety Code, the current HSS and Costa Mesa City General Field Rules, and FAA rules and regulations applicable to the flying of RC model Aircraft.

The undersigned attests that: I will operate my model using only radio frequencies for the control of fixed wing or multi-rotor aircraft, and/or data transmission, on equipment certified and approved for such use by the AMA, FAA or FCC as applicable. I understand that my failure to comply with the above restrictions will result in nullification of liability coverage for damages caused or claimed.

SIGNATURE: _____ DATE: _____

Total Dues Owed and Attached: \$ _____

SIGNATURE OF CLUB OFFICER RECEIVING APPLICATION: _____



HARBOR SOARING SOCIETY OFFICERS FOR 2022

President	David Tecker	714-616-0301	davestert@gmail.com
Vice President	Mat Garcia	949-264-2624	mat.garcia@live.com
Director	Mike Costello	714-875-7994	mikefre@gmail.com
Treasurer, Membership	Joni Whitsitt	714-397-4046	whitsittjo@gmail.com
Secretary	Joni Whitsitt	714-397-4046	whitsittjo@gmail.com
Contest Coordinator	Randy Wilbur	949-683-9662	rwilbur@videotecheng.com
Safety Coordinator	Kevin Koch	714-651-1246	kev380@yahoo.com
Grounds Keeper	Sid Hood	714-963-4964	sidhood@yahoo.com
Editor	Mike Costello	714-875-7994	mikefre@gmail.com
Publisher	Mike Costello	714-875-7994	mikefre@gmail.com
Club Photographer	John Rittenhouse	714-222-8660	johnritt@yahoo.com
Social Media Manager	John Rittenhouse	714-222-8660	johnritt@yahoo.com
Lead Flight Instructor	Henry Smith III	714-322-6537	henry.smith.3@earthlink.net
Flight Instructor	Jerome Mezzasalma	714-887-7913	sdgusa1@msn.com

Web site at www.harborsoaringsociety.org, our YouTube site at <http://www.youtube.com/user/hssletsfly>,
 Facebook at www.facebook.com/harborsoaringsociety and E-mail at harborsoaringsociety@gmail.com

MONTHLY MEETINGS ARE HELD ON THE SECOND TUESDAY OF EACH MONTH AT ROUND TABLE PIZZA, 1175 BAKER ST. CORNER OF BAKER AND FAIRVIEW.

SEE DETAILS INSIDE

Harbor Soaring Society
 P.O. Box 1673
 Costa Mesa, CA 92628

