



Harbor Soaring Society

Charter #128 Costa Mesa, California
 AMA's Oldest Radio Controlled Soaring Club
 Silver Leader Club Since 2009



HSS PLANE RAP NEWSLETTER

HSS is the oldest AMA chartered R/C Soaring Club in the USA. Founded in 1964.
 Silver Leader Club since 2009, Gold Leader Club 2011-2019.

June 2019

HSS IS NOW OVER 55 YEARS OLD!

Volume 56

**The City of Costa Mesa is hosting "Fairview Park National Trails Day" Saturday June 1, 2019 from 9 AM until 1 PM.
 The field will be closed to flying during that time.**

Plane Rap Index

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Coming Events and Soaring Competitions June 2019 – July 2019

- Tuesday June 4, 2019. HSS Steering Committee meeting, 6 PM. Round Table Pizza, 11095 Warner Ave. See P.20 for details and location, Page 6-8 for Agenda.
- Tuesday June 4, 2019. HSS General Meeting, 7 PM. Round Table Pizza, 11095 Warner Ave. See P.20 for details and location, P 4 for agenda.
- Tuesday July 2, 2019. HSS Steering Committee meeting, 6 PM. Round Table Pizza, 11095 Warner Ave. Details, agenda, and location, to be supplied.
- Tuesday July 2, 2019. HSS General Meeting, 7 PM. Round Table Pizza, 11095 Warner Ave. Details, agenda, and location, to be supplied.
- Sunday June 23, 2019. Harbor Soaring Society will not host the third SC2 glider competition at Fairview Park. FAA has placed a 200 foot altitude limit.
- Saturday July 13, 2019. Tentative date for HSS open house and TAG flight training. See P.21 for more details.



May 7, 2019, HSS General Meeting Minutes

The May 7, 2019 HSS General Meeting was held at Round Table Pizza restaurant in Costa Mesa.

1. The meeting was called to order by President John Rittenhouse at 7:05 PM. Officers in attendance included Vice President Henry Smith III, Treasurer Jim Hanson, and Secretary/Editor Fred Hesse.

2. Members in attendance above and beyond officers were:

Rob Askegaard	Ross Thomas	Kevin Koch
Emerald "Chuck" Herrington	Ralph Siegfried	Charles Siegfried
Mike Costello	Mike Gaczowski	Ted Broberg
Sid Hood	Jeff Greene	Don Wittenberg
Dave Meriwether (AMA Assist VP)	Dave Gee (Guest speaker)	

3. John R. conducted the pledge of allegiance.

4. John R. began with a status report on the Use Permit he is attempting to negotiate with the City of Costa Mesa. John and Henry met with Cynthia De Acosta, who (surprisingly) suggested that we might negotiate a one year extension. Cynthia sent a draft Use Permit which was partially reviewed by the Steering Committee. John and Henry will meet again with Cynthia on 9 April 2019, with the intent of extending the review period. One of the major concerns with the draft Use Permit we received was emphasis on insurance. John is working with the AMA to ensure that the insurance we purchase from the AMA is satisfactory to the city.

5. John R. then discussed a document that we need to have between HSS and the control tower at John Wayne (SNA) Airport. It is called a Letter of Agreement (LOA). It notifies controllers that there are model aircraft operations below 400 ft, at Fairview Park. John would like examples from other clubs. Dave Meriwether will try to obtain some.

6. John commented that we are still in need of a webmaster.

7. Joni Whitsitt and John Anderson were to discuss Imaginology, but Joni was absent and John A. had just broken a rib and was not in attendance. Concerning Imaginology, Ralph Siegfried suggested that we use the large TV screen to display the HSS History slide show.

8. It was suggested to put \$5 to \$10 buzzer in one's aircraft to aid in locating it in the tall Mustard weed. Jack Rass uses one. A number of planes have not been recovered from the weeds. Jim Hanson has a different product. Talk to him about it.

9. Our speaker for the evening was Dave Gee from the Black Sheep Squadron of Burbank. His lecture was on how to turn a photo of an airplane into three view drawings, and then to turn a model into a nice photo.

Dave started with a fascinating photo of a very old Zerbe Multiplane. It is a five wing design from the Wright Brothers era. Dave illustrated the following steps. Note these steps incorporate a little descriptive geometry.

- Take the photo and scan it into as large a scale as is available.
- Make a line drawing of the photo. Meaning make an outline of wings, fuselage, and empennage.
- Draw vanishing points from parts of the outline that are separated by about 90 degrees.
- Draw a circle through the two vanishing points. Note: Dave uses Adobe Photo Deluxe.
- Draw a datum line between the two vanishing points.
- Pick a point on the outline (such as a wing tip meeting the leading edge) and draw a vertical line to the datum line. Repeat this for all significant points. Your secretary missed a step or two, but the end result was three views of the plane. With the three views it is easy to build a model.
- To conclude the example Dave unveiled his beautiful peanut scale rubber powered model of the Zerbe Multiplane that he had brought. It has a 13 inch span for each of five wings. It flies, but needs better prop blades. It holds a steady straight line until power runs out, then it drops like it is dethermalized.



May 7, 2019, HSS General Meeting Minutes (Continued)

- Dave then continued to illustrate how to take photos of model planes. Basically, he takes a three foot wide roll of unwrinkled shelf paper and drapes it behind the model, giving a smooth surface from horizontal (under the model) to vertical (behind the model). It is very important to handle the paper so as not to induce any wrinkles.

Rob Askegaard has provided several photos of the results.

Dave is working on a construction article that may appear in Model Aviation or other magazines.

Dave says that Bill Watson of the Black Sheep Squadron may come down and give HSS a lecture next month.

10. Ted Broberg brought a gift of appreciation for Henry Smith III. Ted gave Henry a four foot propeller mounted on a frame as a thank you for Henry's assistance.

11. Show and tell included the following:

- Jim Hanson shared his latest project made up of 1/64 inch laser cut walnut artwork embedded in a one inch thick birch(?) panel. Beautifully done, and very high precision.
- Mike Costello showed the newest issue of "Flying" magazine which featured an article on imaging sonic booms. Very interesting, but a challenge to understand on short exposure.
- Chuck Herrington brought some small gliders. He started with well made paper gliders, and progressed to balsa gliders. Nice workmanship.

12. Raffle

- A 2 meter model of the "Reaper" unmanned drone was won by Jeff Greene.
- Framed aircraft picture was won by Jim Hanson.
- Small helicopter was won by Charlie Siegfried.
- A second framed aircraft picture was won by Kevin Koch.

13. Photos at the General Meeting. Our club photographer, Rob Askegaard, has provided the following photos taken at the General Meeting. Thanks Rob. Great work.

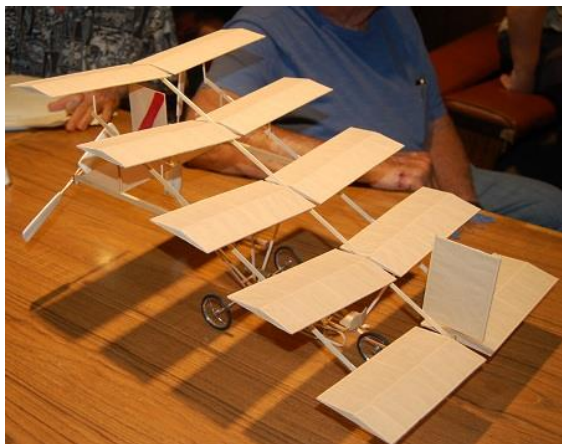


Dave Gee illustrates the descriptive geometry working with an enlarged line drawing taken from a photo of a Zerbe Multiplane.

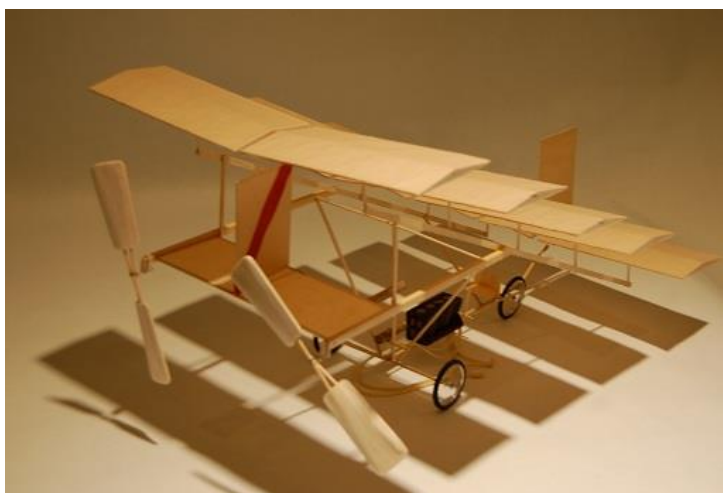


Dave surprised us with the finished model of his Zerbe Multiplane. It has about a 13 inch span for each of the five wings.



May 7, 2019, HSS General Meeting Minutes (Continued)

Several views showing the five wings and the magnificent hand made wire wheels.



The model photographed on curved paper.



Henry Smith III with gift propeller from Ted Broberg.

14. Meeting was concluded about 9 PM. Respectfully submitted. Fred Hesse - Secretary.

Proposed Agenda for 4 June, General Meeting

The following is a suggested agenda for the next General Meeting, to be held on June 4, 2019.

- Pledge of allegiance.
- Opening Statements.
- John Rittenhouse to discuss Use Permit application.
- John Anderson will discuss Imaginology results.
- Jim Hanson may have comments.
- Maybe discuss items of importance from the Steering Committee Meeting held one hour earlier.
- Fred Hesse to give initial planning for the TAG open house.
- If there is time, Fred Hesse has a 10 minute presentation of HSS history from the newsletter archives.
- Discuss need for runway maintenance, planned for early to mid-June.
- Possible presentation by Bill Watson of Black Sheep Squadron, topic to be supplied.
- Raffle of two meter slope glider and Elfi power plane, and any other items available.

Adjourn General Meeting.



May 7, 2019 Steering Committee Meeting Minutes

The May 7, 2019 Steering Committee Meeting was held at Round Table Pizza in Costa Mesa.

1. The meeting was opened by HSS President John Rittenhouse at 6:15. Officers in attendance included Vice President Henry Smith III, Treasurer Jim Hanson, Secretary and Editor Fred Hesse, and guest member Mike Gaczowski.
2. John R. began with a review of the Steering Committee Topic Report dated 9 Mar 2019.
 - Topic 1 Dealing with the club web site was re-opened. Due to an unclear resolution of a web site administrator, resolution of this topic will be closed.
 - Topic 6. The Kiosk adjacent to the runway has been repaired and painted and is complete except for minor re-sizing of the window. Jim Hanson is to reinstall the HSS sign. Henry Smith suggested hanging a large laminated copy of the field rules where the 72 MHz frequency pins used to be. Fred Hesse to send Henry the digital file of the rules. Note: This file was sent 4 April. Sign installed. Topic closed.
 - Topic 12. Henry Smith has filed our application for AMA Gold Leader Club status.
 - Topic 13. John R. is preparing the Use Permit Application for the Fairview Park Steering Committee meeting scheduled for April 10. Cynthia D' Agosta has provided a draft use agreement for one year. The main concern is to get insurance acceptable to the city.
 - Topic 18 involving the HSS annual budget is on hold until the Use Permit process is resolved.
 - Topic 19 activity schedule for 2019. This is likewise on hold. Note that Fred H. has prepared an activity list that needs Steering Committee approval.
 - Topic 20. Cleaning out the storage container will be done May 10 morning.
 - Topic 21. Complete club property inventory to be done by Fred H. yet to be planned.
 - Topic 22. Club newsletter and document archives to be reviewed.
 - Topic 26. Review of John A. membership ideas to be delayed.
 - Topic 27. Club T-shirts and coffee cups procurement to be delayed.
 - Topic 32. Placard for charging station will be resolved by John R. and Jim H.
 - Topic 33. Tri-fold brochures were approved. Mike Costello will obtain 500 copies in time for Imaginology event.
 - Topic 37. Review John A. memos on increasing membership. Same as Topic 26.
 - Topic 38 HSS will not host the SC-2 competition on Sunday June 23.
 - Topic 39. Letter of Agreement is on hold, until examples are obtained.
 - Topic 40 Fred Hesse to manage TAG event. Henry will act as event director and apply for city permit.
 - Topic 41 Steering Committee elected to donate \$100 to the 2019 Camp AMA activity. Fred Hesse to prepare a cover letter to AMA. Jim Hanson to submit the letter and check for \$100.
 - Topic 42. The Steering Committee agreed that lack of support for SC2 glider competition was grounds for cancelling the event.
 - Topic 43. Should HSS sponsor a National Model Aviation Day open house on August 17, 2019? Henry Smith III suggested no. HSS should team with OCMA as done previous years.

Steering Committee Meeting adjourned at 7:05 PM. Respectfully submitted, Fred Hesse, Secretary.



Steering Committee Future Meeting Agenda For 4 June, 2019

These meeting notes are intended to provide record and resolution of topics discussed at Steering Committee meetings. After appearing as "Closed" for over one month, the topics will be deleted from this published list, but will be maintained by the Secretary on the Master List, and available on request. Note due dates are shown in bold text.

- 1. Re-opened. Final Closure. (May 7, 2019)** The existing HSS website provides an option for members to pay for the membership via "PayPal". There have been some problems with the annual automatic repayment function in PayPal. Therefore for this reason, and others Mike Gaczowski recommended that the club's PayPal account be closed.

Conclusion: After extensive discussion, Jim Hanson has volunteered to maintain the PayPal account.

Further Conclusion: This previously closed item was re-opened. It is involved with the use of PayPal for membership payments on our web site. Consensus is to keep our PayPal account active, and use it for membership. However, implementation will be delayed until July, and is based upon the success of David Lapin in undertaking the Social Media Manager position.

Final Conclusion: David Lapin could not take over the Social Media Manager position. This topic is now considered closed.

- 6. Closed. (May 7, 2019)** Kiosk repair. Need to assess which roof structures need repair. Sid Hood volunteered to help Mike Costello. Cynthia D'Agosta has approved the kiosk actions noted below. Need to E-mail Cynthia De'Acosta 36 hours in advance of any club initiated repairs or changes. John R. results of De' Acosta meeting noted in minutes above.
Action: Kiosk adjacent to the runway. The one-by-six inch roof fascia boards will be replaced. Henry III has initiated contact with Mike Costello for estimate of cost and manpower to complete renovation. Sid Hood reports that materials are ready for installation.
Action: Kiosk adjacent to the runway. Mike Costello and Sid Hood have finished repair and painting. Only the plastic window and cork needs replacing. Cost has not been reported.
Conclusion: Thanks to Sid Hood and Mike Costello, the kiosk has been repaired and repainted. New FM frequency board and cork bulletin board were installed, and the Lucite window was replaced. HSS voted to remove the kiosk adjacent to Canyon street. However, the city now wishes to decide what to do. Further action is now cancelled.
- 13. Plan Fairview Park Use Permit application. Due by June 2019.**
Action: John R. to provide Power Point presentation used previously. Further plans will be made. Application is being processed.
- 17. Closed. (May 7, 2019)** Assign John Anderson or other person as HSS representative to Fairview Parks Steering Committee?
Action: John Anderson to apply for representative position.
Conclusion: As of 5 March 2019, John Anderson will not be able to try for the open position on the Fairview Parks Steering Committee because the position requires a four year commitment. Henry Smith III will attempt to apply. Topic will remain open until response from Henry Smith III. Henry reports that there are no remaining positions.
- 18. Plan budget for HSS expenditures for 2019.**
Action: Jim Hanson to prepare budget based upon inputs from officers. Final budget to be approved by Steering Committee.
Partial Conclusion: Jim Hanson has nearly completed the 2019 HSS Budget. However, he is limited by lack of an activity schedule, Item No. 19.



Steering Committee Future Meeting Agenda For 4 June, 2019 (Continued)

19. Plan an activity schedule for 2019.
Action: A draft Activity Schedule was prepared by Fred Hesse. Subject to Committee approval.
20. **Closed. (May 10, 2019)** Clean out storage container. Determine property for club inventory.
Action: Fred H. to plan a get together with John R and Henry to clean out and inventory the contents of the storage container. This is tentatively planned for 10 May morning.
Conclusion: John Rittenhouse, Henry Smith III, Rob Askegaard, and Fred Hesse attacked the storage container on May 10, 2019. Items were inventoried, and the remainder was scrapped. See Excel spread sheet file titled HSS Shed Inventory 2019.xlsx reproduced in (this)HSS Plane Rap newsletter dated June 2019.
21. Complete the preparation of club property inventory for 2019. Who, when?
Action: Fred H. volunteered to complete the club property inventory, but completion date is undefined, pending storage container inventory.
Conclusion: See Excel spread sheet file titled HSS Shed Inventory 2019.xlsx reproduced in HSS Plane Rap newsletter dated June 2019. Also see file titled HSS Video Library.doc in the June 2019 newsletter. An inventory of HSS DVDs will be prepared.
22. Review Newsletter Archives and Club Documents Inventory already prepared by Fred Hesse.
Action: Fred Hesse to send documents and files to John Rittenhouse for insertion on to web site.
26. Review John Anderson's two documents on proposed membership increases. Fred Hesse will distribute copies at or before Steering Committee meeting.
Action: Documents reformatted into MS Word and distributed on 7 Jan 2019.
Conclusion: This action topic on hold.
27. Travis Black had been arranging manufacture of club T-shirts. What is the status?
Action: Fred Hesse E-mailed Travis for status on 11 Jan 2019, and again on 24 Jan 2019. Also enquired about HSS coffee cups.
Conclusion: Travis Black is no longer a member, and is not involved with acquiring HSS T-shirts. This action item will be on hold until someone wishes to take responsibility for procuring T-shirts and/or coffee mugs.
31. **Closed. (5 Feb 2019)** Define TAG program content/plan.
Action: Fred Hesse to write program proposal. To be approved by Steering Committee.
Conclusion: Proposal was written and submitted about 24 Jan 2019. Waiting for AMA response in April. Grant was awarded. See Action Item 40.
32. **Closed. (May 10, 2019)** Placard for charge station.
Action: John Rittenhouse to determine text for placard, then direct Jim Hanson to procure and pay for the placard. Installation to be determined.
Conclusion: The placard for the charge station will be made and installed by Jim Hanson. This topic to be closed when Jim completes the placard installation.
Final Conclusion: Placard was installed on May 10 2019.
33. **Closed. (10 April 2019).** Update Tri-Fold Brochure. Do not include 2019 officers. How many current brochures exist?
Action: Fred Hesse to update tri-fold brochure by mid March, and send it to HSS officers for correction/approval. Reproduction will be by printing, at a cost of about \$170 for 500 copies in color and folded.
Conclusion: Mike Costello was able to procure 500 full color , folded brochures for \$125. These were delivered to Imaginology. Nice work Mike.



Steering Committee Future Meeting Agenda For 4 June, 2019 (Continued)

37. Review John Anderson's documents and plan methods to increase HSS membership. Ref closed item 2 and topic 26. This action topic on hold.
- 38. Closed. (28 April 2019).** Coordination with Southern California Soaring Clubs (SC-2) to plan HSS sponsorship of one or more soaring competitions.
Action: Bruce Schaefer to meet with SC-2 officers and determine when HSS will conduct the event. Hopefully Bruce will obtain the schedule for all of the SC-2 events for 2019.
Conclusion: HSS expressed no interest, and will not host the third SC-2 competition on June 16.
39. Letter of Agreement. Comply with AMA message dated 4/26/2019 which discusses establishing a letter of agreement with local airports, in this case SNA.
Action: John Rittenhouse wishes to procure examples from other clubs. AMA Assistant Vice President Dave Meriwether will try to obtain guidelines.
40. Begin planning for TAG Open House. Program to be managed by Fred Hesse with Steering Committee approval of all tasks. Henry will act as event director and apply for city permit.
- 41. Closed. (May 10, 2019)** Donation to 2019 Camp AMA. Steering Committee elected to donate \$100 to the 2019 Camp AMA activity
Conclusion: Fred Hesse prepared a cover letter to AMA on 9 May 2019. Jim Hanson submitted the letter and check for \$100 on 10 May 2019.
- 42. Closed. (May 7, 2019)** Is HSS going to host an SC-2 competition in June 2019?
Action: Contact HSS glider enthusiasts to see if they wish to hold the event.
Conclusion: An attempt was made, but there was no response. The Steering Committee agreed that lack of support for the SC-2 glider competition was grounds for cancelling the event.
 Note that the FAA has just placed a 200 foot altitude limit at Fairview Park, thus curtailing glider competition.
- 43. Closed. (May 7, 2019)** Should HSS participate in National Model Aviation Day on August 17, 2019?
Action: HSS would conduct an open house and fund raising event. Profits go to Wounded Warriors or equivalent group.
Conclusion: HSS should team with OCMA at Black Starr field as have been done on previous years.
44. Steering Committee to review draft Use Permit received from the city.
Action: John Rittenhouse to distribute draft Use Permit, and discuss insurance provided by the AMA. Officers to complete their review by 9 May.

The above Action Item List will be the subject of the next Steering Committee meeting to be held on Tuesday 4 June, 2019 at 6 PM (or sooner?).

New FAA Laws as of 17 May 2019

Following is the preliminary text of the new FAA hobby drone law. Note that this is effective as of 17 May 2019.

Actual Leaked Text of New Hobby Drone Law PowerPoint Pages

FAA Reauthorization Bill

Recreational Flyers

Old Law (2012 FAA Bill – Section 336)

- Recreational/Hobbyist/Modeler required to notify tower if flying within 5 miles of the airport.
- ATC could not approve operation – only accept notification.
- ATC could deny operations for safety reasons.



New FAA Laws as of 17 May 2019 (Continued)

FAA Reauthorization Bill

Recreational Flyers

NEW LAW (2018 FAA Bill – Section 349)

- Hobbyst UAS now called Limited Recreational Flyers
- FAA Air Traffic facilities will no longer accept requests for recreational flyers to operate controlled airspace.
- Controlled Airspace Access:
 - **At fixed sites** (commonly referred to as flying fields) Have an established agreement with the FAA
 - Site locations published at <http://uas-aa.opendata.arcgis.com/>
 - Operations only authorized up to the **altitudes indicated on the UAS facility map (UASFM)**

FAA Reauthorization Bill

Recreational Flyers

Controlled Airspace Access Continued

- Operations only between sunrise and sunset local time
- Site must be made known to the facility
- Impacted air traffic control facility may disapprove, terminate, restrict, or delay UAS flight operations covered by this authorization at any time
- This authorization will be effective on 17 May 2019

ATC Facility Instructions

What do I do if I get a call from a RECREATIONAL, HOBBYIST, OR MODELER wanting to fly in my airspace?

- Inform the caller that due to a recent change in the law, authorization is required to fly in controlled airspace and will no longer be given by ATC over the phone. The authorization can be found at www.faa.gov/uas.
- Inform the caller that they can find areas where they are allowed to fly by visiting www.faa.gov/uas.
- Refer any additional questions from sUAS operator to the Advisory Circular 91-57B or www.faa.gov/uas.

AGAIN – STARTING MAY 17th – NO MORE HOBBYIST/MODELER NOTIFICATION CALLS TO THE TOWER

How will Recreational Users Know About These New Procedures?

Recreational Flyers can find information on these changes and operating procedures under the new law:

-Advisory Circular 91-57B.

Editor's Note: Attempts to find a copy of Advisory Circular 91-57B fail. Best available is version 91-57A which is worthless.

New FAA Altitude Limits

The FAA has just issued new restrictions for model aircraft at Fairview Park, under the title of FAA Section 349. The applicable section (pages 282 through 292) will be discussed at our next meeting. Our flying field falls within a 5 mile radius of John Wayne airport, and as such, has new restrictions specifically in altitude. Our field is identified as follows (and shown at right): City of Newport Beach, City of Costa Mesa, Bureau of Land Management, Esri, HERE, Garmin, INCREMENT P, NGA, USGS

This 200 foot altitude limit will be strictly enforced under the latest FAA regulations. In addition, it is likely that all RC modelers will be required to take a drone pilot license. Here is an example of what is coming.

Recreational Flyer Fixed Sites: Harbor Soaring Society 2	
SITE NAME	Harbor Soaring Society 2
SITE ID	23822
LATITUDE	33.66
LONGITUDE	-117.94
CITY	Costa Mesa
STATE	CA
ZIP CODE	92627
CEILING	200
BOUNDARY	660
UNIT	Feet
POC	More info
LAST EDIT DATE	4/1/2019



Model Pilots FAA Exam

While the Academy of Model Aeronautics is still negotiating with the FAA concerning a pilot's exam, here is some guidelines for what may be involved.

Free Drone Pilot License Test Study Guide. (100+ Pages)

Sign up for the drone law newsletter and receive the study guide which includes:

- **65** FAA Created Test Questions (I Answer & Explain),
- **24** More Test Questions & Explanations,
- **5** "Cram" Pages for Last Minute Studying, and
- All the FAA Recommended Regulations, & More!

Your editor just loves the linguistic capability of federal employees.

Use Permit Progress

Our hero president, along with our hero vice president (and others), have been battling up hill to try to get us a Use Agreement for our flying field. It has been a long and worrisome struggle, but here is his latest and encouraging report.

As all will remember, the Harbor Soaring Society is in the midst of negotiating a renewal of its "Use Agreement" permit with the City of Costa Mesa. The process has become lengthy and complex, due of City's increasingly stringent regulatory and environmental requirements. As part of the process, the club must make successful renewal presentations before three different entities... The Fairview Park Steering Committee, The Parks and Recreation Committee, and the Costa Mesa City Council. If we are successful, we (HSS) will be granted a one year renewal, of what the City is calling an "Evaluative" period, in which further negotiations will take place to formulate the specifics of a longer term agreement... if possible.

On Thursday, the 23rd of May, club officers (some members), and our representative from the AMA, made the second of the three required presentations, this one before the Parks and Recreation Committee. Of course I am biased, but in all honesty I must say how proud I am of all who spoke on our behalf! They did an absolutely superb job! (Of special note... our efforts to participate in the Imaginology event last month were rewarded. One of the commissioners spoke of his family's attendance and children's participation in our exhibits! Special thanks to Joni Whitsitt and John Anderson for negotiating our involvement in Imaginology!) The opposition came from primarily two individuals. Most of the negative comments were not valid in my opinion. However, there were a couple of suggestions that require additional work on our part. More details will be provided at the next monthly club meeting.

So where do we stand? The club has successfully passed two of the three hurdles. The final meeting before the Costa Mesa City Council will take place on June 4th. Barring the unexpected, I think HSS will be granted an approval for a one year "Use Permit" extension. Of course all should continue to remember that our access to the park is a privilege not a right. Our continued safe operations and good behavior, is the best guarantee that we will have continued access into the foreseeable future.

Best regards, John Rittenhouse

Thanks, John for your eloquent report. It is well written, and is appreciative of those assisting. - Ed.

P.S.: We may get access to the park but now it looks like the FAA is limiting our access to the air above it.



Seen Around the Field

This page features Chris Madsen's foam Grumman F6Hellcat by Dynam. This model has a 50" wingspan. Chris has given it a new paint job and fresh markings. It is very realistic looking.

Photos on this and the subsequent page are courtesy of our club photographer, Rob Askegaard. Thanks, Rob.



Seen Around the Field (Continued)

Jerry Smith brought out his extraordinary F-15 electric ducted fan model. It is in the marking and color of the Air Force "Agressor" squadron which simulates the Russian Su 27 in air combat.

Below, is Chris Madsen's foam F-22. Very nice looking.

**Cleaning out the Shed**

On Friday May 10, John Rittenhouse, Henry Smith III, Rob Askegaard, and Fred Hesse cleaned out the shed and updated HSS property. Latest inventory is shown on the next pages. Rob took the following photos.



John Rittenhouse and Fred Hesse posing with the stuff. Henry Smith was making a run to the dump.



HSS Property Inventory

On Friday May 10, 2019, John Rittenhouse, Henry Smith III, Rob Askegaard, and Fred Hesse undertook the task of cleaning out the HSS container at our field in Fairview Park. One goal was to itemize the club property. Following is a first cut at the inventory. Costs are taken from previous inventories, and values are estimated.

HSS has (or had) a collection of about 30 DVDs that have been unfortunately misplaced. If they are located, these will be added to the inventory.

Harbor Soaring Society Club Container Inventory		Rev: 14 May 2019	
	Item	Cost	Value
1	9 ft. by 9 ft. by 30 ft. steel container with 2" by 8" ramp for mower.	\$1,700	\$200
2	MTD Yard Machines Riding Lawnmower.	\$1,400	\$600
3	2.5 gallon plastic gas container with lid.	\$20	\$10
4	1.0 gallon plastic gas container with lid.	\$10	\$5
5	Four drawer gray steel file cabinet.	\$175	\$30
5-A	One drawer contents: Battery cables.	\$50	\$20
5-B	Two drawers contents: Winch parts.	\$100	\$50
6	Seven each 12 volt winches plus parts. (\$300 each)	\$2,100	\$1,000
7	Five each 12 volt retrievers plus parts. (\$200 each)	\$1,000	\$500
8	Six each 12 volt deep cycle batteries.	\$480	\$120
9	Flat wagon to carry winches, retrievers and batteries.	\$260	\$100
10	Two each battery chargers, 110VAC to 12VDC with timer.	\$130	\$50
11	Wood work bench with three overhead shelves.	\$145	\$20
12	Battery tester.	\$75	\$20
13	Loud hailer.	\$100	\$20
14	Shop vacuum.	\$80	\$20
15	Three each 10 ft. by 10 ft. pop-up sun shades.	\$90	\$30
16	Two each fire extinguishers, dated 2015.	\$60	\$10
17	Two each winch line turn-arounds.	\$250	\$40
18	A-frame 8 ft. aluminum ladder.	\$40	\$10
19	Hand truck.	\$25	\$10
20	Three each one gallon containers of distilled water for batteries.	\$5	\$2
21	Four wheel light flat wagon.	\$20	\$5
22	Eight each quart containers of motor oil.	\$20	\$10
23	Six each electric extension cords. (25 ft. to 50 ft. length)	\$60	\$30
24	12 each spools of winch line.	\$290	\$60
25	5 gallon partial full bucket of Behr external paint for container.	\$50	\$20
26	5 gallon partial full bucket of roofing sealer.	\$50	\$10
27	100 ft. roll of surgical (high-start) rubber tubing (deteriorated).	\$100	\$20
28	Four each trash picker-uppers.	\$60	\$20
29	Four orange safety cones (Worn). Scrapped.	\$0	\$0
30	Measuring wheel.	\$85	\$10



HSS Property Inventory (Continued)

31	Garden tools: 6 shovels, 3 rakes, 4 push brooms, 2 post diggers, 1 pick, 1 pitch fork.	\$255	\$85
32	18 cans of spray paint.	\$75	\$10
33	Misc. paint supplies: paint roller, roller tray, brushes, tape.	\$50	\$5
34	New Master lock with 2 keys.	\$15	\$10
35	Misc. hand tools. Screwdrivers, wrenches, plyers.	\$100	\$20
36	Battery powered tire pump.	\$15	\$5
37	Misc. small pieces of rebar.	\$20	\$0
38	Thirty assorted landing tapes.	\$90	\$5
39	8ft. By 2 ft. by 1.5 ft. steel locker for battery storage.	\$125	\$5
40	Two drawer tool box. Missing.	\$75	\$0
41	Two ft. by 8 ft. fabric club banner.	\$60	\$5
42	Wheeled chalk marker.	\$50	\$5

Note: 3 cans of chalk had hardened, and were disposed.

Items removed from Container or in off-site storage.

43	Airtronics 72 MHz (Ch 14) transmitter, 4 channels with 5 servos.	\$200	\$35
44	47 inch flat screen TV with large metal support frame.	\$550	\$100
45	Elipsoid motor glider, 110 " span, with brush motor and ESC, Hitec 555 72 MHz receiver, 4 servos.	\$500	\$75
46	Elfi 39" span sport flyer, brush motor, 2 small servos.	\$100	\$20
47	2 meter slope glider. Partially assembled, obechi on foam.	\$120	\$20
48	Laptop PC		
49	Digital projector		
50	RealFlight model flight simulator program, Version 5(?), runs on laptop PC.	\$125	\$20
51	Charging station on kiosk. Provides multiple ports of 12 VDC.	\$200	\$20
52	Plane Rap newsletter archives. 1984 through 2019. (Priceless?)		

Totals \$11,755 \$3,497

This table will be updated with current numbers when they are available.

Donation to 2019 Camp AMA

Each year the Academy of Model Aeronautics conducts a week long special event for teen age kids called 2019 Camp AMA.. Classes are held in safety, construction, and flying at the AMA International Model Aircraft facility in Muncie, Indiana.

On behalf of all HSS members, your Steering Committee elected to make a donation of \$100 to this worthwhile event. It is a week-long event for kids of all experience levels. They ship their own planes to the AMA, or planes are provided. The event date is June 9 to June 15. Reports should be available in Model Aviation magazine a month or two after the event.



HSS DVD Inventory

Various HSS DVD's have been compiled and inventoried. The following are available to club officers and anyone doing historical research on HSS. The disks are stored in plastic tubs with the newsletter archives and HSS documents.

Rev: 19 May 2019

HSS CD Inventory

Disk No.	Content	Comment
1.	Many HSS files.	Club operational files, all 2005.
2.	How-To videos.	7 files all dated April 2006.
3.	Many HSS files.	30 club operational files. 1999 to 2002.
4.	Bank Checking files.	All from 2005. Unreadable file format?
5.	Nov 2004 Spreadsheet.	240 member entries, may include SC-2 pilots?
6.	HSS Photos.	All 2005. Some aerial photos.
7.	Model 3 view files.	Manuals of 7-10 models from 2005.
8.	HSS Word and PCC files.	25 Word files, many (unreadable?) PCC files.
9.	HSS Logo and field sign	Latest logo with Costa Mesa. Field sign is (unreadable?) CDR format.
10.	HSS field sign	2 files. One is (unreadable?) CDR format other is WHF format 3' x 4' size.
11.	HSS Banner.	May be unreadable CDR format.
12.	Many HSS Files	10 folders containing some history from 2006 to 2016. Also many operational files from 2016.

Misplaced VCR Inventory.

Over the past several months, your Secretary has been attempting to locate a collection of VCR files that were procured or received as donations. over the years. The following table taken from a September 2009 Plane Rap newsletter lists these files. Anyone who knows the location of any of these files should contact a club officer. Note that John Anderson no longer has the files.

If these files were located, there are 32 VHS files. To convert them to DVD would cost roughly \$20 each, for a total of \$640. It is proposed to abandon the search for these files.

From September 2009 Plane Rap

Harbor Soaring Society has been in existence for a little over 45 years. During that time a number of our members have managed spectacular accomplishments. From AMA Hall of Fame members, to international competition winners. We try to keep as much of that history in our library as we can, along with fabulous videos of planes, events, and people. John Anderson has taken upon himself the task of organizing our documents, DVDs, and tapes. We will shortly have a procedure for how our members can access these pieces of history. Next month we expect to have our complete library index and procedures available for you.



Misplaced VCR Inventory (Continued)**HSS LIBRARY-VIDEOS 8/14/09**

TITLE	SUBJECT	SOURCE	FORMAT
RC Gliders at Back Bay-Early 60s	Historic local soaring	Frank Colver	DVD
R/C Soaring-From the Ground Up	How To		VHS
The 3R's of Soaring	How To		VHS
Electric Sailplane F3B	Documentary-first flight	Bridgeman	VHS
F3B-foam cutting/bagging wings	Documentary	Bridgeman	VHS
Flying Circus-Austria/ASW27 Orfa	Documentary-alpine soaring		VHS
Sunday Feb 1995	Documentary-Soaring		VHS
Video Sampler	Documentary-Soaring/Epower		VHS
Fiber Classics	Documentary/How To		VHS
Building the Falcon 880-1990	Documentary/How To		VHS
Electric Jet Factory	Documentary/How To		VHS
Lets Get Serious About Electric Flight	Documentary/How To	Astro Flight	VHS
Astro Champs II 1992	Mile Square Park	Astro Flight	VHS
Astro Flight K. R. C. 1992-93	13th KRC	Astro Flight	VHS
RC Video Magazine	Documentary/How To/Nats 50th	RC Mag	VHS
Tournament of Champions-RC 1988	Documentary 9th open Las Vegas	Air Time	VHS
Pathfinder - 50,000 feet solar flight 1995	Documentary	Aeroenvironment	VHS
Slope Combat 1996	Documentary	HSS-Fairview	VHS
Electric Flight 1985/1987	Documentary	HSS-Fairview	VHS
RC Park of Costa Mesa	Documentary/Promo-flying at park	HSS-Fairview	VHS
Dawn Patrol 1938	WWI Movie		VHS
Thunderbolt-Fight for the Sky	WWII Documentary		VHS
Striking Back	WWII Documentary-using RC models		VHS
Hooks Down, Wheels Down	WWII Documentary-Carrier ops		VHS
Jets	Documentary		VHS
The MIG Killers	Documentary		VHS
The MIG-Vietnam	Documentary		VHS
Fighting Saber Jets	Documentary	Aviation Library	VHS
History of the F86 Saber	Documentary		VHS
Blue Angels+model flying/tech 1992	Documentary-mixed		VHS
Mixed-fighters, bombers, WWII-90s	Documentary-mixed		VHS
AMA Today 1990	Insurance info	AMA	VHS
AMA Today II 1991		AMA	VHS



Chino Air Show

Once again our favorite club photographer gets to go to his favorite air show in Chino. Here are some of his great photos of just some of the neat planes exhibited and flown there. Thanks, Rob. - Ed.



P-51A in British insignia. Mustangs were used by Britain in World War II.



Spitfire Mark XIVc.



AD Skyraider. That is a Pratt & Whitney 4360 under the hood.



Nose art on a P-38 L (left) and a P-47 (right).



Chino Air Show (Continued)



World War II Japanese A6M5 Zero.



Beautifully restored Fairchild 24.



Stunt pilot lands his Cub on the moving vehicle.



Rare collector's item Navy Consolidated PB4Y Privateer.



Solicitation for Ideas to Grow HSS Membership

In response to Steering Committee Meeting agenda item 2 above, club members are invited to submit ideas for expanding the membership base.

At times our club membership has approached 140 members. Today we are about half that number. This is your club, and your executive staff would like to hear from you as to what you would like to see in the way of goals and activities that would improve our club and encourage membership growth. Everyone, member and non-member alike, are invited to submit your thoughts. Come to a General Meeting and voice your ideas, or submit E-mails to any of the club officers shown on the last page of this newsletter. New ideas are solicited for competitions such as the Dollar Tree Foam Challenge, suggested speakers, video presentations, technology lectures, expanded raffles, inter-club events such as fun flies, return to the monthly glider competitions of previous years, and any other ideas that would attract participation and membership growth.

SC-2 Competition

The Soaring Clubs of Southern California (SC-2) competition schedule for 2019 has not been finalized. There is a total lack of support from HSS glider pilots. Since then, the FAA has placed a 200 foot altitude limit on our flying field, which curtails glider competition.

Fairview Park Weather Station

HSS members can utilize the very excellent weather station located near Waldorf School. Try this web site as it has an amazing amount of detail, both historical and predictive. There is even data that suggests good flying days and hours for slope soaring. This link will also be featured on our web site.

<https://www.wunderground.com/cgi-bin/findweather/getForecast?query=pws:KCACOSTA18> Click on the 10 day forecast to get detailed wind velocities and directions.

HSS Membership – Renew now if you haven't.

Our 2019 HSS membership enrollment season is in full swing. Note that the new membership rate of \$25 per year is now in effect. PayPal will no longer be accepted as the cost and inconvenience did not justify the service. The latest membership application, dated 20 September, 2017, is included in the last pages of this newsletter. These 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. Details are shown on page 16 of this newsletter.

Donations For Club Raffles

Members are invited to donate planes, radios, and all the things needed to keep them flying. These will be used for the raffles held at each monthly General Meeting. Stuff can be anything that has some value and/or can be repaired. Contact Henry Smith III with your donations. Contact info on last page of this newsletter.

FAA Registration Extension

When FAA registration was first required in December 2015, many of our members fulfilled the obligation and obtained their FAA registration, which is valid for three years. As the expiration date printed on the certificate approaches, these members have reached out to us to learn how to renew their FAA registration numbers. If you are a model aircraft owner who registered before December 12, 2017, and did not request to have your registration information deleted from the FAA's database, the FAA has extended the expiration date for you to December 12, 2020.



2019 National Model Aviation Day

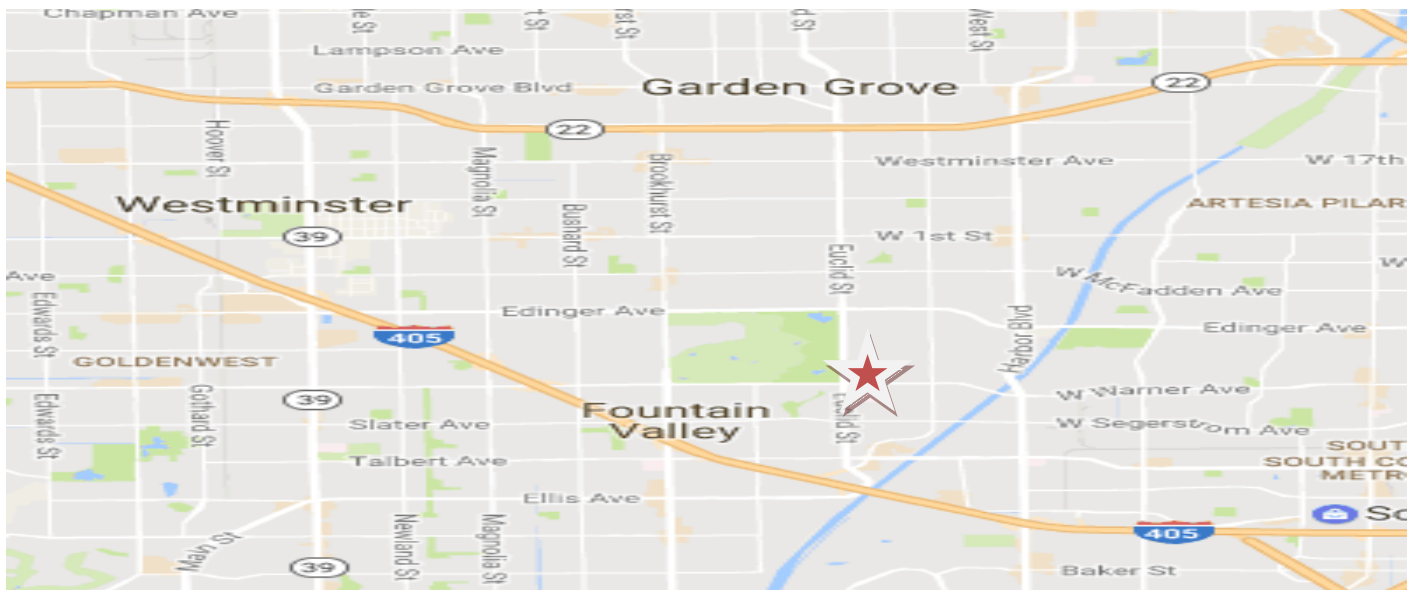
For the last six years, the AMA has sponsored the National Model Aviation Day to showcase model aviation and to contribute donations to the Wounded Warrior Project, or a cause of your choice.

National Model Aviation Day registration is now open for 2019! It's hard to believe but this is the seventh year for this national celebration. The 2019 event will take place on August 17, 2019.

If your club has never participated in National Model Aviation Day, this should be your year! We want to showcase the fun, the camaraderie, and the sport of model flying. No matter what you fly or where you fly, we want you to fly on National Model Aviation Day.

**June 4, 2019 Meeting Announcement**

Except for special occasions, we normally meet on the first Tuesday of each month at Round Table Pizza, 11095 Warner Ave. & Euclid (North-east corner) in Fountain Valley, at 7:00 PM. Phone number is (714) 839-0276. The Family Night rate is all-you can-eat pizza, plus one salad bar, for \$8.99. Fountain drinks are an additional \$1.59, self-service, or \$2.99 per liter. Beer and wine are available. Bring your favorite plane for show-and-tell. Bring your wife, family, and friends. There will likely be a raffle. The location map is shown below.



HSS Property

The HSS officers are attempting to inventory club property. This includes property in the container shed, club documents, Plane Rap newsletter archives, laptop computers, projectors, and DVD disks. If anyone has any club property in their possession, please turn it over to a club officer.

Take-off And Grow Grant

In late January of 2019, your HSS officers submitted an application for a TAG (Take-off And Grow) grant from the AMA Education Department. We are pleased to announce that our submittal was approved, and that we have received a check for \$980 to conduct an open house and update our flight training equipment.

A lot of preparation is needed, but we have a revised tentative date of 13 July for the open house, and a revised purchase requisition. We plan to demonstrate winch launched gliders, discus launched gliders, aero tow glider launch, 3D stunt exhibition, motor gliders, scale and multi-motor planes, ducted fan jets, helicopters, drones, free flight rubber powered planes, and build and fly paper gliders. We will offer free flying lessons using the new equipment we will procure, and computer aided flight simulation classes. We are looking for members that would volunteer to demonstrate the various types of aircraft mentioned above.

We plan to procure new powered flight training aircraft, probably including:

- E-Flite Apprentice S 15E high wing trainer ready to fly with a DXe four channel transmitter.
- E-Flite Radian FT two meter motor glider.
- A new Spectrum DX6 M2 G3 six channel transmitter with wireless trainer links.
- A new Spectrum DXe four channel transmitter with wireless trainer links.
- The latest version of RealFlight RF8 flight simulator.
- We plan to purchase Spectrum receivers that feature the latest AS3X stabilization that is a helpful feature in training student pilots.

If all goes well, we will have Rob Askegaard available to take photos of the activities, and possibly Jim Hanson to take video from one of his drones. This photo documentation is part of the AMA grant management requirements that will accompany event reports and financial accounts.

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 714-968-1973. rmaskegrd@gmail.com.

Plane Rap Archives

Thanks to John Brown, a previous editor of Plane Rap, we have found out that four recent issues were not published, so we won't list them as missing from our Plane Rap newsletter archives. January, July, and December of 2000, and January of 2001 are non-existent. Again, if any one has any part of the issues listed below, we would love to add them to our archives (or at least a copy of what you have).

1964 through 1983: All issues missing.

1994: Nov missing.

1984: Jan through Sept and Nov missing.

1995: Aug missing.

1985: June missing.

1996: Feb, June missing

1986: May missing.

1999: Dec missing.

1987: Feb missing.

Plane Rap issues from 1984 to present are maintained by our secretary. This is 35 years of HSS history. These archives are open to all members. Copies can be made upon request, or issues may be checked out for temporary use. If you wish to access any issues, contact our secretary as shown on the last page of this newsletter.



2019 City Flying Permits Available

A permit to fly radio-controlled model aircraft is required to operate model aircraft at Fairview Park. This permit can be obtained by going to www.costmesaca.gov and downloading the file Model Airplane Fly Permit 2014.pdf. You must also show proof of adequate liability insurance in the form of a current Academy of Model Aeronautics (AMA) membership card or a current homeowners/personal liability policy specifically covering model aircraft operation with a minimum limit of \$500,000. Rules and regulations for flying the model aircraft can be found in the City of Costa Mesa Municipal Code, Title 12, Chapter II, Articles 2 & 3.

Permit Fee: \$50 per year for Costa Mesa residents. \$55 for nonresidents, plus \$5 Administration fee.. Learner's Permit for youths 6-14 years old - \$TBD per year.

WALK-IN Costa Mesa City Hall (77 Fair Drive, Costa Mesa 92626), 3rd Floor Recreation Counter Tuesday through Thursday from 8:00 AM – 4:30 PM (excluding City-observed holidays),

MAIL-IN Mail your renewal packet (see list below), to include full payment, to:

Recreation Division – Fly Permit

City of Costa Mesa, P. O. Box 1200, Costa Mesa, CA 92628

Renewal Packet must include **ALL** of the following:

- Permit Application (filled out and signed).
- Copy of your driver's license.
- Copy of the AMA Membership Card (showing the required year), or home owner's/personal liability insurance policy (specifically covering model airplane/aircraft flying with a minimum limit of \$500,000).
- Renewal Fee payment by Check (payable to City of Costa Mesa) or charge to Credit Card (filled out and signed).

Note: Current permit holders with email addresses on file with the City will receive renewal packet via email.

If you have questions or need additional information, please call the Recreation Division at (714) 754-5300.

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 rules posted at the flying site.

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 pics/vids are the best. I look forward to hearing from you.

Fred Hesse - Plane Rap Editor - fhesse@socal.rr.com .

Photos of Your Planes

We are very fortunate to have Rob Askegaard as our club photographer. Rob has a high degree of talent, and supplements that with an excellent camera. His well composed and very realistic photos taken at ground level and his remarkable stop action in-flight pictures are superb. Rob's contributions are what make our newsletter really spectacular. We try to feature everyone and their planes, so if you haven't seen yourself in our newsletter, look for Rob just about any morning and pose for him.

Anyone who wishes a high quality print or jpg file of their favorite plane should contact Rob, or your editor. Phone and E-mail information is shown on last page of this newsletter.



Plane Rap Classified Ads and Services - For Sale

We are pleased to offer free advertising space for anyone who has items or services for sale.

- Curt Nehring has the following planes and equipment for sale. Maxa 3.5 (this particular plane won Visalia by Ben Clerx). It's white with orange highlights, has good servos throughout and is \$1200. A white and blue Shadow and a green Shadow with orange trim, both are \$750 each. A Pike at \$1500, and an Explorer 4m (red & white) \$1600. A few Wing bags available at \$75. These planes are flown, not hangar queens. They have fuselage scrapes from landing on our gravel runway and some with minor hangar rash that's been repaired as well as possible. Also, a JR 9303 Xmtr. \$200 and a Futaba 10CHP Xmtr \$150. ---- All prices FIRM!!! Questions call Curt @ 949-525-3038.
- Your newsletter editor has a long shaft Ford starter motor and relay suitable for winch or retriever use. Motor is free to any party. See contact info on last page of this newsletter.

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

ROB'S R/C HOBBIES**Sales / Parts / Repair****Radio Control Airplanes, Helicopters, and Cars.****15071 Goldenwest St. Huntington Beach****S.W. Corner of Goldenwest & Bolsa Ave****(714) 372-3777**

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

Robsrchobbies.com

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HSS Sponsors (Continued)**HOBBY CLUB**

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MEMBERSHIP APPLICATION 2019

Harbor Soaring Society

AMA Chartered Club #128 - AMA's Oldest Chartered Soaring Club
P.O. Box 1673 Costa Mesa, CA 92628



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)

Name _____ AMA # _____

Address _____

City _____ State _____ Zip _____

Home Phone _____ Work Phone _____

Date of Birth _____ Email _____

- ☐ New Applicants (Without Name Tag) (all ages): \$25.00
- ☐ Adult Member (Renewal Without Name Tag) (19 years and older as of July 1st): \$25.00
- ☐ Junior Member (Without Name Tag) (19 years and under as of July 1st): \$10.00
- ☐ Family Member (Without Name Tag) (At Same Address): \$5.00
- ☐ 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 a printed copy of the monthly Newsletter by U.S. Mail. Printing and Mailing: \$20.00/year

My primary interests in radio control flying are? Check all that apply. Show future interests with the letter F.

Thermal Duration Gliders _____	Slope Soaring Gliders _____	RES Gliders _____
Large Scale Gliders _____	Hand Launched Gliders _____	Electric Motor Gliders _____
Park Flyer Electric _____	Acrobatic Electric Planes _____	Scale Electric Planes _____
Electric Drones / Multi-rotor _____	Indoor Electric Planes _____	Electric Helicopters _____

In accordance with the Federal Equal Opportunity Act, this organization prohibits discrimination against anyone on the basis of 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 applicants, 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. I understand that my monthly newsletter will be delivered by E-mail unless the U.S. Mail request (shown above) has been selected.

SIGNATURE: _____ DATE: _____

Total Dues Owed and Attached: \$ _____

SIGNATURE OF CLUB OFFICER RECEIVING APPLICATION: _____

Revised: September 20, 2017 (MJG)



HARBOR SOARING SOCIETY OFFICERS FOR 2019

President	John Rittenhouse	714-222-8660	johnritt@yahoo.com
Vice President	Henry Smith III	714-322-6537	henry.smith.3@earthlink.net
Treasurer, Membership	Jim Hanson	949-294-8365	hss.org60@gmail.com
General Director	John Anderson		
Secretary	Fred Hesse	714-963-5838	fhesse@socal.rr.com
Contest Coordinator	Bruce Schaefer	714-814-6412	metaterra@msn.com
Safety Coordinator	Kevin Koch	714-651-1246	kev380@yahoo.com
Grounds Keeper	Sid Hood	714-963-4964	sidlhood@yahoo.com
Editor/Publisher	Fred Hesse	714-963-5838	fhesse@socal.rr.com
Club Photographer	Rob Askegaard	714-968-1973	rmaskegrd@gmail.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

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 hss.org60@gmail.com

NEXT CLUB MEETING WILL BE:

TUESDAY JUNE 4, 2019, AT ROUND TABLE PIZZA, 11095 WARNER AVE. COSTA MESA.

GENERAL MEETING 7 TO 9 PM. STEERING COMMITTEE MEETING 6 TO 7 PM.

**BRING YOUR FAMILY, WIFE, AND FRIENDS FOR DINNER. WE WILL HAVE A RAFFLE, AND
LECTURE ON SCRATCH BUILT MODELS MADE FROM PHOTOS. BRING YOUR FAVORITE PLANE
FOR SHOW AND TELL. SEE DETAILS AND INSTRUCTIONS TO LOCATION ON PAGE 20.
SEE THE COLOR NEWSLETTER SENT BY E-MAIL AND AVAILABLE ON OUR WEB SITE.**

Harbor Soaring Society
P.O. Box 1673
Costa Mesa, CA 92626

