



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.

July 2019

HSS IS NOW OVER 55 YEARS OLD!

Volume 56

HOORAY!! WE GOT THE PERMIT!

Many thanks to John Rittenhouse, Henry Smith III and all the helpers. See P. 2.
 The guest speaker for our July 2, 2019 General Meeting will be
 Dennis Brandt. See P.7 for details.

Plane Rap Index

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Coming Events and Soaring Competitions

July 2019 – September 2019

- Tuesday July 2, 2019. HSS Steering Committee meeting, 6 PM. Round Table Pizza, 11095 Warner Ave. Details, agenda on P.7, and location, see P.16.
- Tuesday July 2, 2019. HSS General Meeting, 7 PM. Round Table Pizza, 11095 Warner Ave. Details, agenda on P.9, and location, on P.16.
- Tuesday Aug 6, 2019. HSS Steering Committee meeting, 6 PM. Round Table Pizza, 11095 Warner Ave. Details, agenda, and location, to be supplied.
- Tuesday Aug 6, 2019. HSS General Meeting, 7 PM. Round Table Pizza, 11095 Warner Ave. Details, agenda, and location, to be supplied.
- Saturday Sept. 14, 2019. Tentative date for HSS open house and TAG flight training. See P.17 for more details.



Results of the June 25, 2019, City Council Meeting

John Rittenhouse has provided the following comments on the successful approval of the HSS Use Agreement by the Costa Mesa City Council.

For our part I think last night was another example of what can be done when club members step-up and get involved. It was a very long night (over four hours). Members - John Anderson, Jim Hanson, Henry Smith, Dave Meriwether, Don Wittenberg, Jordan Lapin, Justin Tam (and his mom), all spoke. Mike Costello, and Sidney Hood were also in attendance. We all spoke with slightly different perspectives... but a common goal, the net result was a very powerful presentation on our behalf. Particularly impactful were the presentations given by the younger contingent of our membership, Jordan Lapin and Justin Tam. Their youthful perspectives really resonated with the council members.

Going forward, it is clear that the City will exercise ever more control on our operations. One bombshell was (literally) the last minute requirement for a 200 foot altitude cap on our flight operations, which will take effect immediately! In reality, last night's vote and all negotiations to date, have merely bought us time to negotiate a better agreement going forward. A VERY tall order, clearly we have our work cut out for us. I am reminded of the words of Winston Churchill... "Now is not the end. It's not even the beginning of the end. But it is perhaps, the end of the beginning".

John Rittenhouse
President Harbor Soaring Society

Included below is the print up from the Daily Pilot.

The Costa Mesa City Council agreed Tuesday to give the Harbor Soaring Society another year to fly the skies over Fairview Park.

The caveat, however, is that city staff will conduct a comprehensive review of the model aircraft hobbyist group during that period and examine how its activities fit within the 208-acre park — where some have argued that rules are not strictly enforced and noisy airplanes disrupt the peace and harm the environment. The society's renewed agreement, which lasts through June 30, 2020, and the study were approved on a 5-2 vote — with Councilwomen Sandy Genis and Andrea Marr dissenting. Councilman Allan Mansoor said the club is a boon to Fairview. The park,



Results of the June 25, 2019, City Council Meeting (Continued)

he added, doesn't only have to offer passive activities like walking.

"Let's have an honest assessment, get some enforcement of the bad apples and get everybody some good training," he said.

The council-approved study will look at "the value of the partnership" between the Harbor Soaring Society and the city and evaluate "the compatibility of all flying activity" with the park's master plan and Measure AA — the 2016 voter-approved law that requires residents to sign off on changes that could affect Fairview's open, passive nature.

Genis requested the study period be shortened to six months, a cutback she felt would be advantageous so it could be completed before the bird-nesting season. City staff, however, noted that narrower time frame would have placed additional strains on their Fairview Park priorities, which include addressing mosquito problems affecting an adjacent neighborhood.

Marr said she did not think aviation "is the best fit" within the park. She said she saw a contradiction between restoring sensitive habitat near the Soaring Society's runway and keeping its agreement alive.

"As much as I love aviation, I'm just not convinced that oil and water can mix here," she said.

Harbor Soaring Society Vice President Henry Smith said the group has been at the park since 1963. It currently has a roster of 70 people of all ages, though another 100 or so non-members use its runway.

He said the remote-controlled airplanes flying there today tend to be quieter than the noisy gas-powered ones of yesteryear.

"We really are willing and anxious to work with the city and improve the situation out here," he added. "It could stand some improvement."

Justin Tam, a high school-age member of the society, credited the group with getting him outside to enjoy nature. He praised the camaraderie members feel when flying their aircraft.

"In the field, you feel welcome by everyone, regardless of your age and your background," he said.

○ DAILY PILOT NEWS

Editor's Comment:

John Rittenhouse, John Anderson, Jim Hanson, Henry Smith, Dave Meriwether, Don Wittenberg, Jordan Lapin, Justin Tam (and his mom), are just some of the HSS members that contributed to our success. We all owe a tremendous vote of thanks for their efforts. This has been a frustrating and lengthy process that had an unsure outcome, and as John stated, this is the end of the beginning. We now have one year of flying at Fairview Park, and we are being evaluated with respect to how we respond to our new rules. Thanks, everyone. Ed.



June 4, 2019, HSS General Meeting Minutes

The June 4, 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 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
Jesse Calleros	Vince Paradise (New member)	Dave Gee (Guest)
Bill Watson (Guest speaker)	Dave Wensley (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. The first two meeting went very well. These meetings (Made up of first, the Fairview Park Citizens Steering Committee, and second, the City Parks and Recreation Department) concluded that a temporary Use Permit should be arranged for a one year evaluation period. This could lead to a five year Use Permit. Final review of this recommendation will be made by the Costa Mesa City Council on June 25.

5. John R. then discussed what the FAA is attempting to establish for an altitude limit for Fairview Park, considering it's approximately 3.5 mile distance from John Wayne airport (SNA). While a number of FAA documents suggest a 200 foot altitude limit, the AMA feels that the final agreement will remain at 400 feet.

6. John then brought up the question of what events should be on the club activity calendar. He commented that at the Steering Committee meeting held one hour previously, the SC-2 event would not be hosted, and the bent wing glider competition would be cancelled. The public service support by HSS for the Concerts in the Park would continue. John then invited the general membership present at the meeting to express their support of the following events. Five members supported the Dollar Foam design, build, and fly competition. Kevin Koch will attempt to collect further support for this event. Concerning the annual electric fun fly and Pumpkin Festival, this is up for further discussion. Express your interest to club officers.

7. Our speaker for the evening was arranged by John R who had invited Dave Wensley. Dave was an F-86 pilot for a number of years beginning in 1955. He flew in Korea and the Mid-East. Dave is a Docent at Lyon Air Museum, and flew gliders at Fairview Park in the 1970's. He presented a spectacular slide show of the F-86's and other jet fighters that he flew. This was one of the best speakers that we have had. Your editor tries to announce the monthly General Meeting agenda with information on speakers where available.

8. Due to E-mail problems, we ended up with two speakers for the evening. Bill Watson of Black Sheep Squadron gave a discussion on some very lite early design gliders. He brought an all balsa glider of about 30" span that was very light construction, and weighed in at about 2 oz. He also brought a Nomad that was a kit back in the 1960's. It had a single channel receiver and used a rubber powered escapement. Bill was accompanied by Dave Gee also from Black Sheep Squadron.

9. Vince Paradise was greeted as a new member who joined this evening. Vince had been an HSS member a number of years ago. Good to have you with us again, Vince.

9. Show and tell was next.

- Ted Broberg brought his beautifully finished stick and tissue model of an L-19.
- Ralph Gee brought a 20" span stick and tissue model of a Comet Scorpion, and a rubber powered "Minnow" which he flew in the meeting room.



June 4, 2019, HSS General Meeting Minutes (Continued)

10. Raffle:

- A Wattage biplane was donated by Kevin Koch. It was won by Ralph Siegfried..
- Rob Askegaard won the electric powered Elfi with geared motor, two servos, and an ESC.
- Charlie Siegfried won the two meter slope glider.

11. Meeting was closed at 9:10 PM. Respectfully submitted. Fred Hesse Secretary.

Here are photos from our General Meeting, courtesy of Rob Askegaard. Thanks, Rob.

At right is Dave Wensley with a model of an F-86 which he used to fly the full size version in the military.

Below middle left is Bill Watson of Black Sheep Squadron. He is holding his Scout 36, which is shown on the following page.

Below middle right is Ralph Gee showing his Comet Scorpion.

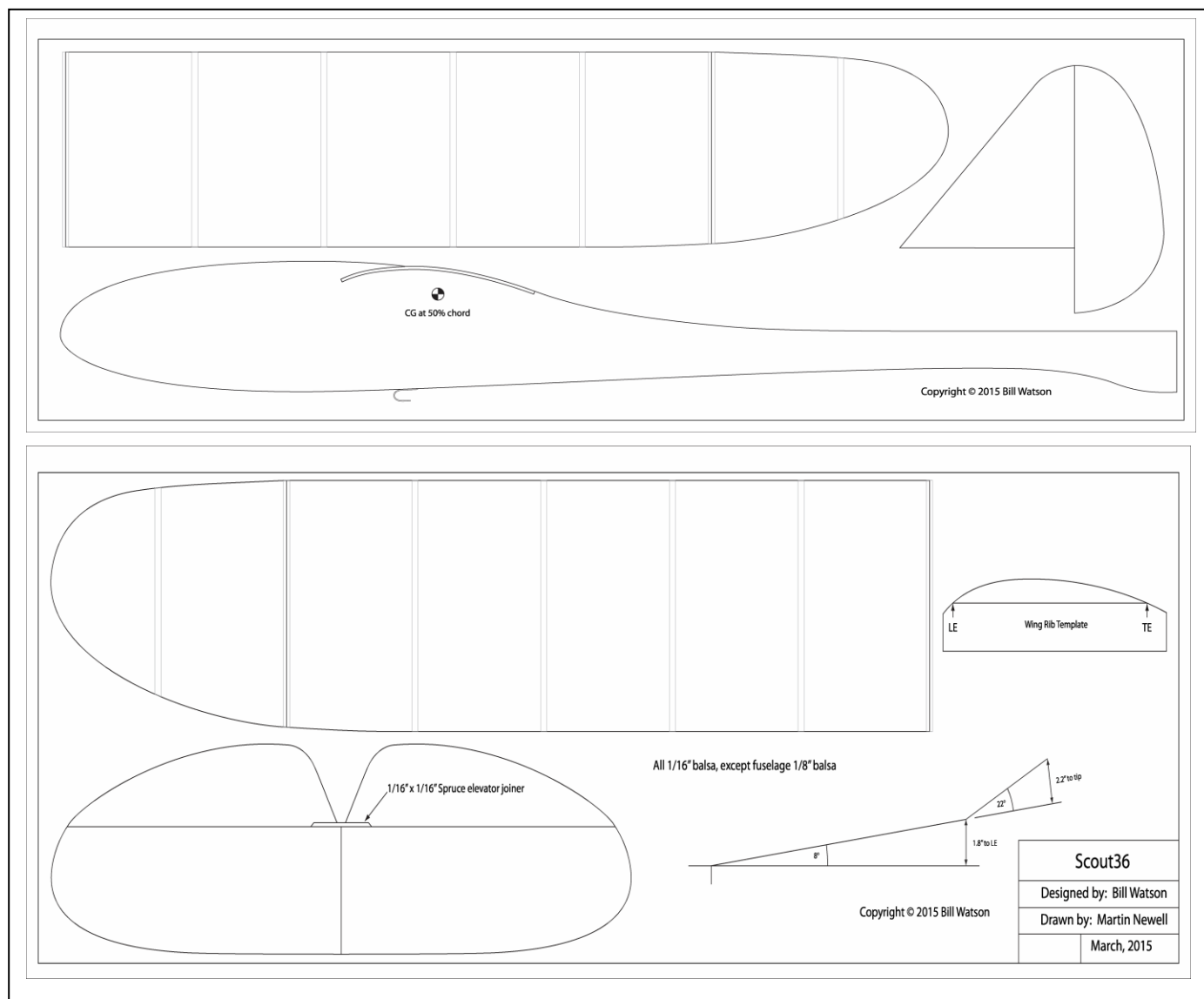
Bottom left is Ted Broberg doing show-and-tell with his beautiful stick and tissue L-19

Bottom right is Ralph Siegfried holding the Wattage biplane he won in the raffle.



June 4, 2019, HSS General Meeting Minutes (Continued)

Here are the component drawings of Bill Watson's Scout 36 glider that Bill presented at the meeting.

**Airplane Jokes**

A photographer from a well known national magazine was assigned to cover the fires at Yellowstone National Park. When the photographer arrived, he realized that the smoke was so thick that it would seriously impede or make it impossible for him to photograph anything from ground level.

He requested permission to rent a plane and take photos from the air. He arrived at the airport and saw a plane warming up near the gate. He jumped in with his bag and shouted, "Let's go!"

The pilot swung the little plane into the wind, and within minutes they were in the air. The photographer said, "Fly over the park and make two or three low passes so I can take some pictures."

"Why?" asked the pilot.

"Because I am a photographer," he responded, "and photographers take photographs."

The pilot was silent for a moment; finally he stammered, "You mean you're not the flight instructor?"



June 4, 2019, HSS Steering Committee Meeting Minutes

The HSS Steering Committee met at Round Table Pizza on June 4, 2019. John called the meeting to order at 6:25. Additional officers in attendance were Jim Hanson, Treasurer, and Fred Hesse Secretary/editor.

1. John R. feels we will enter into a 1 year extension as an evaluation period. This may lead to a 5 year permit.
2. Item 19 concerning the planned budget cannot be completed until the activities are determined.
3. The Committee elected to cancel the SC-2 soaring competition, and the bent wing event due to lack of interest. A membership poll will be conducted to determine interest in other events.
4. Item 21, the Property Inventory is approved except for the addition of flight training equipment held by Henry Smith III.
5. AMA recommends that we continue with our 400 foot altitude limit until directed otherwise.
6. The draft version of the Letter of Agreement with the FAA was sent to AMA for their approval.
7. HSS will participate in Concerts at the Park on four Tuesday evenings, July 9 through 30. Members are invited to participate in this community service, by manning a booth and displaying model aircraft.
8. A Radian XL was donated to HSS. This 110" span motor glider may not be an appropriate training plane, so its use needs to be determined.
9. A new Contest Coordinator needs to be appointed in place of Bruce Schaefer.
10. Meeting adjourned 7 PM. Respectfully submitted, Fred Hesse - Secretary

Refer to the following Action Topic List for final status.

Steering Committee Topic Report and Meeting Agenda for 2 July 2019

These meeting notes are intended to provide record and resolution of topics discussed at Steering Committee meetings. The first set of entries is a report on status. The second set of entries is the agenda for the next meeting. Note due dates are shown in bold text.

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.

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.

19. Plan an activity schedule for 2019.

Action: A draft Activity Schedule was prepared by Fred Hesse. Subject to Committee approval.

Further Action: An Activity Survey was sent out to all members to vote on proposed activities. Results of this poll to be discussed at 2 July Steering Committee meeting.

21. Complete 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 Preliminary HSS Shed Inventory 2019.xlsx reproduced in HSS Plane Rap newsletter dated June 2019. The final inventory will be presented at 2 July Steering Committee meeting. 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.



June 4, 2019, HSS Steering Committee Meeting Agenda (Continued)

- 26. On Hold. (May 7)** 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. On Hold. (May 7)** 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.
- 37. On Hold. (May 7)** Review John Anderson's documents and plan methods to increase HSS membership. Ref closed item 2 and topic 26. This action topic on hold.
- 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.
Action: Fred Hesse is preparing activity and advertising plans. Preliminary status report to be given to club members at July 2 General Meeting.
- 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. City of Costa Mesa to have final vote at City Council meeting 25 June 2019.
- 45. John Rittenhouse to prepare Letter of Agreement for SNA air traffic control office.**
LOA draft sent to AMA for final format and approval.
- 46. HSS will participate in Concerts in the Park July 9 through 30.** Member support is needed.
- 47. A Radian XL was donated to the club.** This is a 110" span motor glider not suitable for basic training. Committee to determine what to do with it. (Sell or raffle it off.)
- 48. Replacement of Bruce Schaefer as Contest Coordinator.** Need to appoint a replacement.

The above Action Item List will be the subject of the next Steering Committee meeting to be held on Tuesday 2 July, 2019 at 6 PM (or sooner?).

Justin Tam and the AMA Youth Leadership Award

Justin Tam is one of our young members who began flying under the instruction of Henry Smith III and Ted Broberg. He has been very successful and active at our flying field.

The AMA offers a Youth Leadership Award to the winner of a selection process that starts with Henry Smith proposing a worthy recipient from HSS. Our District X Vice President Larry Tougas chooses amongst the district proposed names and nominates a representative for District X. This name goes to a committee who selects a national winner. Guess What? Justin Tam was the winner! Justin received a full sponsorship to Camp AMA which encompasses round trip air, seven days lodging, and training and flying opportunities at AMA headquarters in Muncie Indiana. At Camp AMA he received a winner's plaque and had his name added to the perpetual plaque maintained at AMA. Congratulations Justin.



Proposed Agenda for 2 July, 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 status.
- John Anderson will discuss some of his CAP activities.
- 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-July.
- Planned presentation by Dennis Brandt of Torrey Pines Gulls. Topic described below..
- Raffle available items.

Adjourn General Meeting.

Dennis Brandt's comments on his presentation:

I thought I would give you some info about what I plan to bring at the July meeting. The model in the attached photo (not included) is a Diamond Aircraft Super Dimona, it's 1/3 scale at about 5.5 meters, it is a motor glider and electric powered. I will bring the fuselage only, and I will bring most if not all of the 1/3 scale all wood ASK-14 motor glider I have been building the last 2 years, it's close to being ready to cover so it's good to see it bare bones. It's also electric powered.

I also will bring some photo portfolios of some of the models built by LJMP (Larry Jolly Miniature Productions), examples are a 1/8 scale B-17 for the movie Memphis Belle, a half scale Apollo capsule for the splashdown sequence in Apollo 13, plus quite a few other fixed wing models plus a LOT of helicopters, some flyers, quite a few for blue screen or green screen shots. I was one of about 5 people that worked on and off for Larry, I was the "shaper" and the painter. Hopefully there is enough room for my big models. If you want to send an advance email to the club members that's ok, the newsletter has a lag time so no point in putting a notice there. I've been at this for about 43 years so have figured out some unique ways of getting a model from just an idea to flight. I figure about 30 minutes to cover everything.

More Airplane Jokes**Area 51**

You've all heard of the Air Force's ultra-high-security, super-secret base in Nevada, known simply as "Area 51?" Well, late one afternoon, the Air Force folks out at Area 51 were very surprised to see a Cessna landing at their "secret" base. They immediately impounded the aircraft and hauled the pilot into an interrogation room. The pilot's story was that he took off from Vegas, got lost, and spotted the base just as he was about to run out of fuel. The Air Force started a full FBI background check on the pilot and held him overnight during the investigation. By the next day, they were finally convinced that the pilot really was lost and wasn't a spy. They gassed up his airplane, gave him a terrifying "you-did-not-see-a-base" briefing, complete with threats of spending the rest of his life in prison, told him Vegas was that-a-way on such-and-such a heading, and sent him on his way. The day after that though, to the total disbelief of the Air Force, the same Cessna showed up again. Once again, the MP's surrounded the plane...only this time there were two people in the plane. The same pilot jumped out and said, "Do anything you want to me, but my wife is in the plane and you have to tell her where I was last night!"



National Trails Day at Fairview Park

The City of Costa Mesa sponsored National Trails Day, held Saturday June 1, 2019 at Fairview Park.

Cynthia D' Agosta suggested that HSS attend this event.

John Anderson, Fred Hesse, and Marge Hesse responded to John Rittenhouse's request for support.

Following is a short report of the activities.

Fred and Marge Hesse met John Anderson at the park shortly before 9 AM. John had arrived early and had already interfaced with the organizers.

The event was a coalition of City of Costa Mesa Parks Department, Institute of Conservation, Research, and Education ICRE), and Endemic Environmental Services, Incorporated (EES).

Costa mesa Parks Department was represented by Maddy (last name not mentioned) who set up a pop-up shade tent and a table with literature. Her supervisor is Cynthia D'Agosta who was not present, and was not expected to attend. Maddy explained that the activities involved restoration of planted areas that had been injured by off road bicycle enthusiasts, then some areas of mustard weed was to be cut down.

We met with Luma Fowler, a biologist and project manager for Endemic Environmental Services (EES). They have a contract for managing the wetlands section of Fairview Park. She explained that on the previous day, over 100 holes were drilled with an auger, and today's task was to plant over 100 indigenous plants provided by EES. A little less than a dozen volunteers, mostly high school students and retirees participated in the planting. Luma stated that she was also involved with ICRE where she is director of education. ICRE has a partnership with EES. Contact information for Luma Fowler is: Phone 949-943-9664. E-mail luma@endemicenvironmental.lnet. EES web site is: www.endemicenvironmental.net.

Photos below are courtesy of Marge Hesse who was taken out for champagne brunch for her photographic services.



Still More Airplane Jokes

Destination Unknown

A passenger piled his luggage on the scale at an airline counter in New York and said to the ticket agent: "I'm flying to Los Angeles. I want the large bag sent to Denver and the two small ones to Cincinnati." "I'm sorry sir, but we can't do that," said the ticket agent. "That's good to hear because that's where they ended up the last time I flew this route."



Model of the Month

Our spectacular club photographer, Rob Askegaard, has provided a wonderful set of photos featuring the F4B belonging to Jerry Smith. The Phantom is an ARF by Free Wing Models, and has a 90 mm diameter 9 bladed Electric Ducted Fan (EDF) driven by a 3748 motor rated at 175kv. It is very realistic with retracts, and has the markings of Point Mugu Naval Air Station test facility. Notice the Playboy logo.



Seen Around the Field

Matt Price and son Hosea hold their foam board Spitfire and Tiny Trainer, respectively. Also shown at right.



Don Wittenberg holds his E-flite Pitts S1-S. It has the AS3X stabilization system.



Dave Bohner with his Apprentice.



Seen Around the Field (Continued)



Tom Steel checks the balance of his Sport Cub.



Tom's Sport Cub 52 by Horizon.



Chris Madsen with his F-22 and F9F Panther



Chris Madsen's F-22 by Free Wing Models.



Chris's Panther looking sparkling new.



Jerry Smith holds his Yak-130 90mm EDF by Free Wing Models.



HSS Activity Opinion Poll Results

As you may recall, your Steering Committee was interested in what club activities to plan for the remainder of 2019. An Opinion Poll was sent out to all members, and here are the results.

- Concerts in the Park. The City of Costa Mesa is scheduling four Tuesday evening concerts at Fairview Park between 9 and 30 July from about 5 to 7:30 PM. This is a community service effort by HSS.

Should we do it?	Yes 8	No	Maybe 1
Will you participate?	Yes 7	No 2	
- Dollar Tree Foam Design/Build/Fly competition. Probably scheduled for late July or August.

Should we do it?	Yes 8	No 1	
Will you participate?	Yes 5	No 3	Maybe 1
- Electric Fun Fly. Flying competitions requiring casual skills, intended for fun. Activities might include Limbo spot landing, pylon race, bomb drop, and others.

Should we do it?	Yes 8	No 1	
Will you participate?	Yes 8	No 1	
- Pumpkin Festival. A scarecrow is to be assembled, and the club has sort of a booth allowing paper gliders to be built, and models on display. Mainly a community service. Would be scheduled in late October.

Should we do it?	Yes 4	No 4	Maybe 1
Will you participate?	Yes 4	No 5	
- Added suggestions:
 - HSS R/C Swapmeet
 - Add an SC2 Event
- The TAG Open House is tentatively scheduled for September 14. Fred Hesse is planning the event. Further details will be discussed at the General Meetings.

The Steering Committee will take these results under consideration in planning future club activities.

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.

For instance, below is a 43" wing span F8F Bearcat that was donated by David Bohner which we will see raffled at the July 2 meeting.



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.

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.

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.

Still More Airplane Jokes

A young guy in a two-engine fighter was flying escort for a B-52 and generally being a nuisance, acting like a hotdog, flying rolls around the lumbering old bomber.

The hotdog said over the air, "Anything you can do, I can do better."

The veteran bomber pilot answered, "Try this hot-shot." The B-52 continued its flight, straight and level.

Perplexed, the hotdog asked, "So? What did you do?"

"I just shut down two engines, kid."



2019 National Model Aviation Day

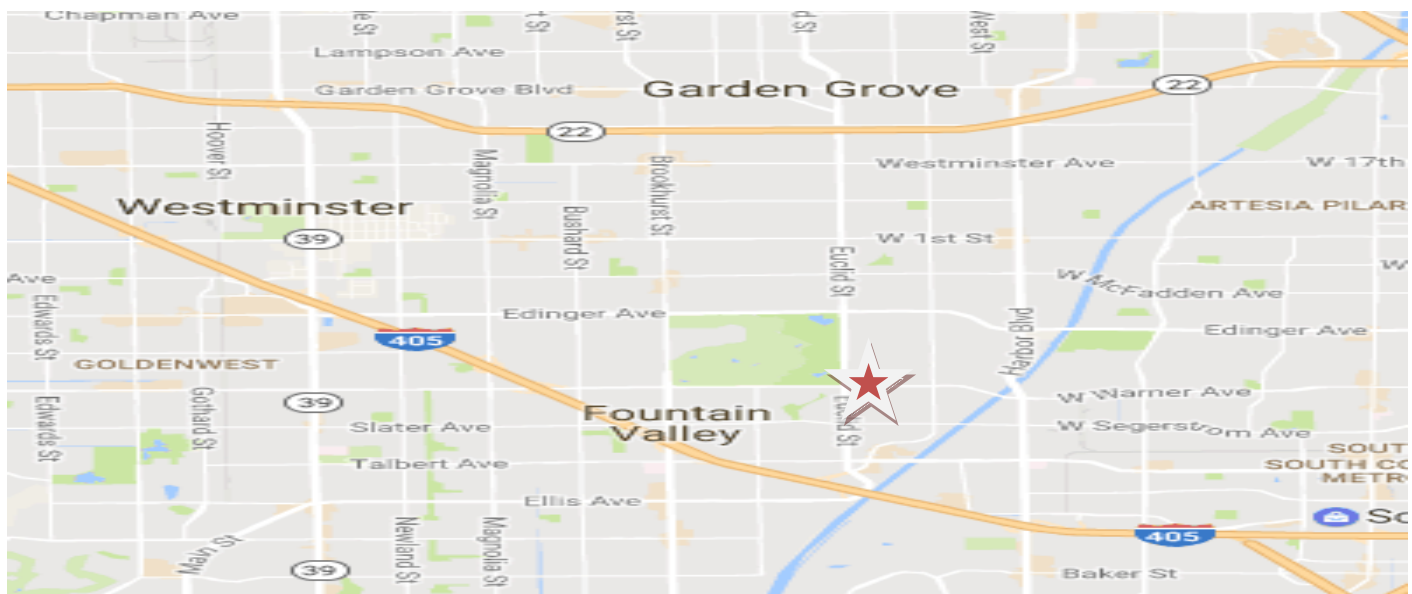
For the last six years, the AMA has sponsored the National Model Aviation Day to showcase model aviation and to contribute donations to the Wounded Warrior Project, or a cause of your choice.

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 14 September 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, and have telemetry so we can read the plane's altitude.

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. rmaskesgrd@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.](mailto:9690TelstarAve@earthlink.net) [Suite 226](mailto:Suite226@earthlink.net) [El Monte, CA 91731](mailto:ElMonteCA91731@earthlink.net) 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	sidhood@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 JULY 2, 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 LARGE MODEL MOTOR GLIDERS. BRING YOUR FAVORITE PLANE FOR SHOW AND TELL. SEE DETAILS AND INSTRUCTIONS TO LOCATION ON PAGE 16.

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

