

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

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



April 2011

Volume 48

THIS MONTH'S HEADLINES

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Coming Events and Soaring Competitions April - May 2011

The following events are of special interest. .

- Tuesday April 5, 2011. HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. General meeting at 7 PM. Exec meeting at 6:15.
- Saturday April 16. Dawn Patrol WW I fun fly hosted by Gilman Springs RC Flyers. See details on page 20 of this newsletter.
- Sunday April 17. Third SC-2 soaring competition. Hosted by VVRC at Victorville. See details on P.13 or at SC-2 web site: <http://site.sc2soaring> .
- Saturday April 30, 2011. Big HSS Fun Fly, barbeque, and swap meet at Fairview Park. 7AM to 3PM. See pages 10-11 of this newsletter.
- Sunday Mar. 20. Second SC-2 soaring competition. Hosted by DSH at SWSA Fish Canyon. See details at SC2 web site: <http://site.sc2soaring> .
- Tuesday May 3, 2011. HSS monthly meeting, Round Table Pizza, 11095 Warner Ave. General meeting at 7 PM. Exec meeting at 6:15.
- Sunday May 22, 2011. Fourth SC-2 soaring competition. Hosted by VVRC at Victorville. See details at SC-2 web site: <http://site.sc2soaring> .



HSS General Meeting Minutes for March 1, 2011

Business meeting: Meeting was called to order at 6:40 p.m. by president Henry Smith 4. In attendance were General Director Henry Smith 3, Vice President Chris Adamczyk, Newsletter Editor Fred Hesse, Treasurer Dennis Anderson, Competition Chairman Jim Hanson, Webmaster Fred Wilmott, Safety Officer Karl V. Hawley, and Secretary Ted Broberg. Guests: Larry Tuohino, Lynn Ericksen, Carl Brown.

A. Orange County Youth Expo: We've been invited by Joni Whitsitt to have a part in the Orange Coast R/C Club's booth at this event, to inform people about our facility and activities. Discussion followed.

General Session: Called to order at 7:00 p.m. Also attending were Ross Thomas, George Brimmer, James Jones, Ralph Chamberlin, Jeff Greene, Larry Koch, Mike Fox, Bob Voss, James M. Ward, Roger Nahas, John Anderson, William Vincent, Gytis Tamulaitis, Chris Hill, Jim Ward, and Mike Fox.

A. Field fixings: a large group of members installed three new information signs for the city. The City will make a contribution to the club.

B. Henry 3 received a letter from Larry Tougas, District X vice president, inviting us to take part in the Orange County Youth Festival in April.

C. Upcoming FAA regulations: discussion: We all need to be informed, and should support Senator James Inhofe from Oklahoma in forwarding his bill to exempt model planes from stringent regulations. See AMA web site's link to his petition. Henry 3 recommends that we all sign that petition, and perhaps write an original letter in support of this. John Anderson suggested that we get a letter of support of our club from the City of Costa Mesa, indicating how we have been of service to the community.

D. Contest Events: Jim Hanson :

1. Fun Fly/ Swap Meet, tentatively April 30. Henry 4 suggested contacting Waldorf School to determine whether they plan to have May Day activities. If so, April 23. More info in coming newsletters. Many suggestions were made. Volunteers will be needed to operate winches and act as landing judges. Sign up with Jim Hanson.

2. Bent Wing competition June 11, Southern California Soaring Clubs (SC 2). We'll need lots of people to help with the event. Jim is the Contest Director. Volunteers needed.

E. John Anderson reported that Berkeley Green will be sailing around the world on a 100' yacht. Berkeley is the director of the Newport Sea Base, and has worked with John on the youth flying program there.

F. Chris introduced Larry Tuohino, former HSS member, as tonight's speaker. He's a full-scale glider pilot. He spoke on long-distance sailplane flying. He started R/C flying with a THERMIC glider and an escapement control. He gave a short history of Fairview Park's development. He was involved in the early planning for the club and the park. He related some of the troubles he's had in trying to keep a runway in Hemet, and related some of the strategies that have helped him. The county was trying to close down the field where they flew sailplanes, and he led a campaign to save it. So he's been a major player in saving two flying fields.

-- Using a power winch to launch, he can train a pilot to solo for about \$1200. The winch is far less expensive to maintain than a tow-plane. He's with Orange County Soaring Association. He's been in full-sized gliders for 17 years, and thinks R/C pilots make the easiest transition to full-scale.

--Now there are GPS data recorders that log entire flights, and can be played back to show your entire flight. You can even play another pilots' flight of the same course, simultaneously, and compare the two flights in real time.

-- He's flown 600 kilometers straight out several times, and 18,000 feet. You use oxygen above 12,000 feet and over 30 minutes. Stall speed is about 33 knots; top speed is 154 knots. L/d is as great as 40:1. For some planes, 60:1 is doable. World record for soaring is over 51,000 feet. His entire plane weighs 150 pounds. Some later planes are as light as 100 pounds. His sailplane has a 15 meter wingspan. Using a handicap system, it is possible to have races with many different designs of aircraft, similar to the systems used in sailboat handicap racing.



HSS General Meeting Minutes for March 1, 2011 (continued)

F. Prize drawing: Karl Hawley, CULARIS glider; George Brimmer, SUPER MISS donated by Bill Booher; Fred Hesse, FUTABA 8 channel transmitter and trainer cord, given by Dennis Anderson; James Jones, three servos contributed by Walt Cloer. Mike Fox donated a plane, but I have no information on it. Sorry, Mike. Thanks for the gift.

-- Meeting adjourned at 9:00 p.m. Respectfully submitted, Ted Broberg, Secretary

HSS Executive Committee Meeting Minutes for March 18, 2011

Business Session: Meeting was held at Henry Smith 3's plant, and was called to order at 3:10 p.m. by president Henry Smith 4. In attendance were Vice President Chris Adamczyk, General Director Henry Smith 3, Treasurer Dennis Anderson, Newsletter Editor Fred Hesse, Competition Director Jim Hanson, Safety Officer Karl V. Hawley, Ross Thomas, and Secretary Ted Broberg.

A. Discussion: The Orange Coast RC Club (OCRCC) is interested in our helicopter people assisting with a booth for the Orange County Youth Expo on April 8, 9, and 10, 2011, at the Orange County Fairgrounds. Henry 4 will contact the pilots, and Jim Hanson will take part.

B. The Orange County Fair is scheduled for July 22 – 24 at the OC Fairgrounds. OCRCC will have a booth there, and there is a possibility that HSS might assist. Several volunteers will be needed. Contact Henry Smith (4) if you can assist.

C. Three coming events: two contests and a Fun Fly.

1. Saturday April 30, Fun Fly/ swap meet/barbecue : 3 events; runway landing, Limbo, and Park Zone micro war birds' pylon races. VOLUNTEERS NEEDED. Call Jim Hanson if you'd like to help. He has obtained the city permit, and has checked with Waldorf School to avoid possible conflict of field usage. Karl will try to arrange for field parking.

2. May 22, Southern California Soaring Clubs (SC Squared) hosted by HSS at the SULA field. See the SC-2 web site for details at <http://site.sc2soaring.com> .

3. Saturday June 11, HSS Bent Wing contest

-- Henry 4: "Jim, do you need anything for any of these events?" Jim: " Karl will take care of the barbecue; we'll check on what we need. The rules will need to be posted." Henry 3 suggested having Fred publish these rules in the newsletter, and on the bulletin board.

-- Karl suggested contacting the other flying clubs, and inviting them to the Fun Day. AMA membership is required for all fliers. They would be guests for an event, and not required to have Park Permits.

-- Henry 4 suggested having Open flying time between the events, to give more opportunities for more people.

D. FAA/AMA regulations: Keep informing people about the possible changes that are coming. The AMA website has a petition for us to sign.

E. Indoor Fun Fly: Fred is working on a fly date for the Tustin Lighter-Than-Air Base. Fred suggested mid-May to June, during the week. He'll be coordinating with Ralph Ray who has contacts with the Navy.

F. Runway considerations: Henry 4 is working up a proposal for modifying the field's boundaries, toward the north-west. He'll bring his proposal to the next meeting. Chris can have 3-dimension maps produced. This should help in our planning, since the vernal ponds are not where our current map shows them. Henry 3 suggests getting the area surveyed. Chris will get us a quote on surveying.

G. Karl recommends moving the whole field toward the north, and somewhat toward the west. It would call for flattening the mounds, where the bicycle kids ride. It would move the flying areas further from the paved walkway. AMA wants us to do this.

-- Next meeting will be Tuesday, April 5th, at Round Table Pizza, Fountain Valley.

-- Meeting adjourned at 4:07 p.m.. Respectfully submitted, Ted Broberg, Secretary



Fairview Park Activities

We have the following list of activities planned for Fairview Park by the City of Costa Mesa. Except for the Civil War Re-enactment, these activities require closing our runway and concluding model flying from approximately 8:00 AM until noon or 1:00 PM. Flying may resume in the afternoon. Please use good judgment. Club management will post reminders at the field for each event at least one week in advance.

Fri.-Sun.	April 15-17	Civil War Re-enactment on the grassy parts of the park.
Sat.	April 23	Community Fun Run sponsored by the City of Costa Mesa.
Sat.	June 11	Pancake 5 K Race sponsored by the O.C. Track Club.
Sun.	July 31	14 th Annual Race sponsored by Estancia High School.
Sat.	Sept 17	Annual Cross Country Meet sponsored by Orange Coast College.
Sat.	Oct. 8	Cross Country Meet sponsored by Vanguard University.
Sun.	Oct. 30	Annual Cross Country Meet.
Sun.	Nov. 6	O.C. League Cross Country Finals.

Contest Coordinator's Message

HSS will host the SC2 contest on Sunday May 22, 2011 at SWSA or SULA flying field (final location to be determined). We will need Club members to assist at this event. Contact Jim Hanson at 949-294-8365.

2011 HSS Membership

Our 2011 HSS membership enrollment season is in full swing. A membership application and optional member survey is included in the last pages of this newsletter. These can be mailed in to our post office box shown on the last page, or given to a club officer. Alternately, HSS and AMA membership applications can be obtained from any club officer, or available on our club web site at www.1hss.org. Applicants must be members of the AMA prior to joining HSS. AMA Membership applications can also be obtained at the AMA web site www.modelaircraft.org. Download document No. 902 from the publications page. And, don't forget your City of Costa Mesa Flying Permit. Details are shown below.

2011 Park Permits Available Now

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

RENEWAL NOTICE:

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

Costa Mesa City Hall (77 Fair Drive, Costa Mesa 92626) – 3rd floor Recreation Counter, during regular business hours from 8:00am – 4:30pm (excluding City observed holidays). Call 714-754-5300 for details.

Temporary permits are issued at the Downtown Recreation Center (1869 Anaheim Avenue, Costa Mesa 92627) between the hours of 10:00am – 1:00pm on Saturdays. For information, call 714-327-7560.

Thanks for all your help,

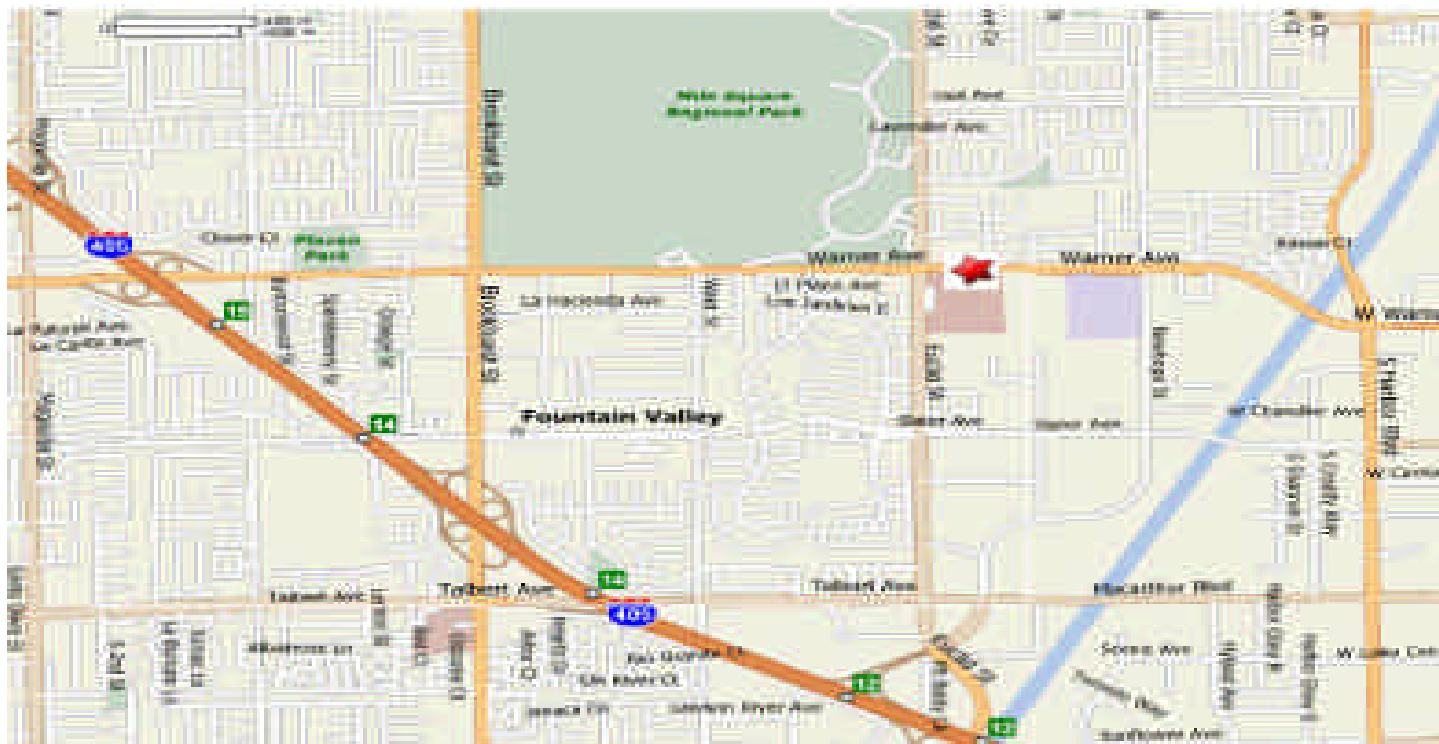
Joyce M. Santos Administrative Secretary - City of Costa Mesa - Recreation Division
77 Fair Drive, Costa Mesa 92626
Phone: 714-754-5009 Fax: 714-754-5166

Note that to fly at Fairview Park you need the above permit, liability insurance (preferably AMA), and you need to follow City of Costa Mesa Ordinance No. 07-01, City Regulations for Issuance, Suspension and Revocation of Permits to Fly at Fairview Park, Academy of Model Aeronautics Safety Code, and the Fairview Park Flying Field Rules which are all posted at Fairview Park and on our web site at www.1hss.org. You do not need to be a Harbor Soaring Society member (but it is good to have you join us).

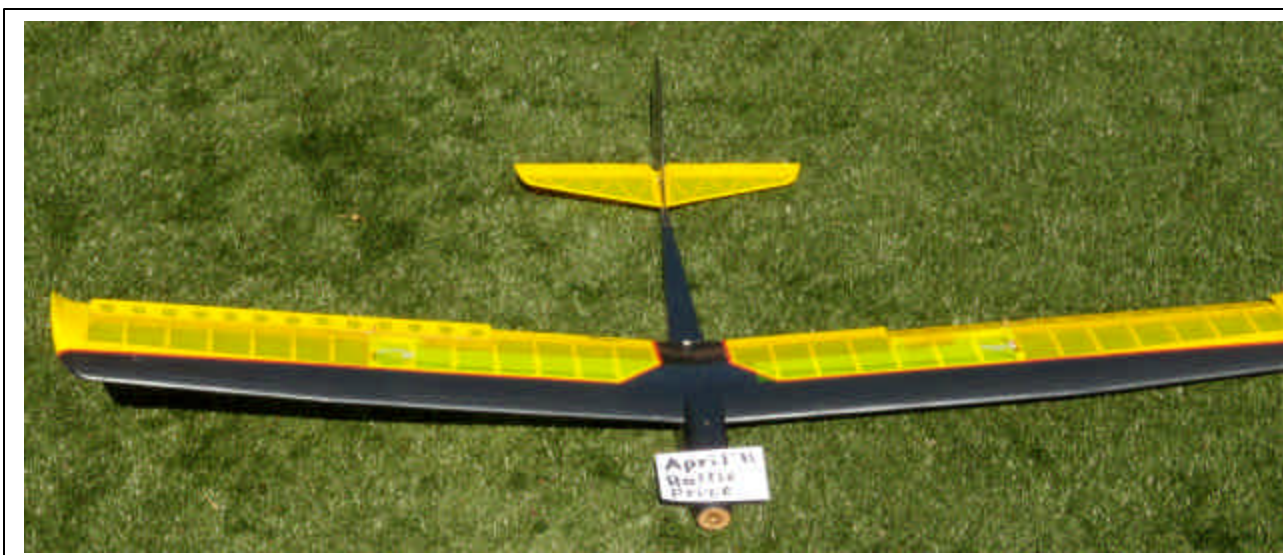


April 5th General Meeting Notice

The next club meeting is Tuesday April 5th 2011, at ROUND TABLE PIZZA, 11095 Warner Ave. & Euclid (North-east corner) in Fountain Valley. Phone number is (714) 839-0276. The Family Night rate is all-you can-eat pizza, plus one salad bar, for \$6.99. Fountain drinks are an additional \$1.99, self-service, or \$2.99 per liter. Beer and wine are available. Bring your wife, family, friends, etc. Our vice president, Chris Adamczyk, will hold a discussion about aerial photography and how it applies to surveying. Bring along your favorite plane for show and tell. The meeting will be concluded with a raffle for the plane shown below. The location is shown in the map below. The executive/steering committee meeting begins at 6:15 PM.

**Raffle Prize for the April 5th Meeting**

The model shown below will be raffled off at the end of our April 5th meeting. It is a 62" glider kit converted to motor power, and ailerons were added.



President's Message

Hello Fellow fliers. Spring is here and the flying weather is only getting better. I'm pleased to report that the markings on the runway are working and the field is becoming a better and better place to fly. Though some folks are still taxiing in the pits, if you see any body doing this please ask them politely to stop. Also with spring comes events. HSS has several events coming up including two glider contests and a fun fly. Please check them out. I for one am already practicing my low flying for the limbo contest. Our Contest Coordinator will need a hand at all of these events and if you'd like to help please contact Jim Hansen. Hope to see you out there.

I'm sure you've all heard about the new impending FAA regulations. I have been reading as much as I can on the subject and all I know is, things are going to change, and that nobody knows, is saying just how much change will occur. The most important things are to stay informed and to write to members of Congress. The AMA has a very good letter already drafted to send to congress persons, you can go to the AMA website and sign it and send it along. Several Members have already composed and sent along their own letters. I recommend that we all do this as well. Orange County is a very densely populated area so we have many different members of congress we can lobby for our cause and I think we should use this to our advantage.

The City of Costa Mesa is facing extreme financial troubles. Now is the time to help the city that has helped us for so long. If you see anybody flying out at the field with out a permit please encourage them to go pay for one. Not just for us but for the city too. Help keep the park clean and field maintained now is not the time to ask the city for any money.

That's it for this month. Remember to fly courteously, deliberately and often.

Calm winds and clear skies. Henry A. Smith IV - President

General Director's Message

Your steering committee has been busy planning events for the coming summer. There will be a fun fly, barbeque, and swap meet on Saturday April 30. We will have a glider contest on June 17th, and other events are still in the planning. We are working on gaining access to the dirigible hangar again, which hopefully will be in mid-May or June -- stay tuned, and get your indoor planes ready. The club will participate with other clubs in having a booth at the Orange County Youth Expo. Thanks to all of you who volunteered to work at this event. Lately the City of Costa Mesa has given layoff notices to several hundred employees. Exactly how all of this involves our flying field is not known. As far as we know the club's use of Fairview Park will not be affected.

Regards, Henry Smith III - General Director

Your Help is Needed! Support AMA's Efforts to Protect Model Aviation!

Are you passionate about model aviation? Do you share AMA's belief that unnecessary and onerous Federal regulation will diminish this viable and meaningful recreational activity?

If your answer is, **YES**, then... Go to modelaircraft.org/gov as soon as you can. There you'll find:

- Background on what FAA intends to impose on aeromodeling.
- Understand the difference between commercial and recreational sUAS.
- What you can do to help.
- Resources to help you contact your Representatives and Senators in Congress.
- How to contact AMA's Advocacy Team.
- Donate to our cause to defend your right to fly model aircraft without government oversight.

Now is the time to let your voice be heard!

Embry Riddle Open House – April 10th

Open House at Long Beach Airport. Embry Riddle Aero University is sponsoring the event. Check the web site losangeles@erau.edu One day, Sunday, April 10th.



Encouraging Response from Senator Robert Menendez

US Senator from New Jersey Robert Menendez provided the following reply to a constituent who had contacted him concerning the proposed new FAA regulations.

Thank you for contacting me to express your concerns about Federal Aviation Administration (FAA) regulation of small unmanned aerial systems like model airplanes. Your opinion is very important to me, and I appreciate the opportunity to respond to you on this critical issue.

I fully understand your concerns about how FAA regulation of unmanned aerial systems in the National Airspace System could affect the ability of model airplane enthusiasts to safely fly their planes as they have for years.

On February 17, with most of my colleagues in the Senate, I voted to pass the FAA Air Transportation Modernization and Safety Improvement Act. **The bill we passed includes an amendment that directs the FAA Administrator to exclude model aircraft from regulations aimed at safely incorporating unmanned aerial systems into FAA plans and policies.** Although the bill still needs to be considered by the House of Representatives, I am confident that we can complete this vital legislation soon. Should the bill return to the Senate for additional consideration before it is signed into law, I will keep your thoughts about the safe recreational use of model airplanes in mind.

Again, thank you for sharing your thoughts with me. Please do not hesitate to contact me if I may be of further assistance. I invite you to visit my website (<http://menendez.senate.gov>) to learn more about how I am standing up for New Jersey families in the United States Senate.

Southern California Soaring Clubs (SC-2) Competition Dates for 2011

SC2 - 2011 Contest Schedule			
Date	Club	Location	
February 27, 2011	Hosted by SWSA	Fish Canyon	
March 20, 2011	Hosted by DSH at SWSA	Fish Canyon	
April 17, 2011	Hosted by VVRC	Victorville	
May 22, 2011	Hosted by HSS at SWSA	Fish Canyon	
June 25, 2011	2 Day MoM hosted by SULA	Field of Dreams	pilot BBQ Sat
June 26, 2011	2 Day MoM hosted by SULA	Field of Dreams	
July 17, 2011	MoM Hosted by VVRC	Victorville	
August 21, 2011	MoM Hosted by ISS	Riverside	
September 25, 2011	Hosted by TOSS	Thousand Oaks	
October 23, 2011	Hosted by TPG	Poway	
November 20, 2011	Rain Date		
December 4, 2011	Hosted by SULA and DSH	Field of Dreams	Toys-for-Tots

<http://site.sc2soaring.com>

locations unless otherwise noted - check website

SC-2 Competition Results for 27 Feb 2011

Ross Thomas reports that HSS had a pretty good turn out at the first Southern California Soaring Clubs (SC-2) competition hosted by South Western Soaring Association, at their Fish Canyon flying field. The temperature was in the mid 40°F warming to mid 50°F range. Attending HSS members included Ross Thomas who placed 1st in Woody RES class, Ralph Chamberlin trophied in sportsman, Erv Szego, and Tom Sherwood.



HSS Pilot Training Program

As part of our community service, as well as a contribution to our AMA Silver Leader Club recognition, a number of our members work tirelessly assisting guests who visit our field and wish to learn to fly. The following two features bring recognition to these members.

Robbe ASW-19 Maiden Flight (Posted 18 Mar 2011 on rcuniverse.com)

Ted Broberg has provided the following account. It is followed by a letter of appreciation posted on rcuniverse.com.

"About two weeks ago, Henry hooked me up with Joe Noble in Las Vegas, who planned to come to Disneyland, and also wanted to "maiden" his 3 meter ROBBE AWS 19 sailplane. I started exchanging emails with him, and offered the services of Harbor Soaring Society to him. He came out to Fairview Park flying field on Saturday, March 12, and several HSS members helped him balance and trim the plane, and set up his HiTec OPTIC 6 transmitter for glider flying. Jim Sonnenmeier, Doron Ben-Yehezkel, Bruce Schaefer, Karl V. Hawley and I spent a couple of hours getting the plane ready for test flight and bungee launch. After two flights, I Hi-Start The next day he came back, and Karl helped him fly with his GNOME 3-m trainer. Attached is his letter of appreciation. He enjoyed a very successful couple of days with Harbor Soaring."

Letter from Joe Noble:

Well, I had been restoring a Robbe ASW-19 3 meter glider for a while and wanted to test fly it. Having zero unpowered flight experience I contacted the gentlemen at the Harbor Soaring Society in Costa Mesa, CA and they were very welcoming to me regarding my request. They had myself and a friend out and their members all gave the glider a good once over each adding their own bits of input, all of which proved to be very helpful and effective. (who would have known it's good to mix the aileron/rudder function after all, NOT ME!) 🤔

Ted was key in communication back and forth via email prior to me making the drive out to see them. He had smelted some lead weights for me to add to the nose of the glider for proper CG. He even gave me a nose plug shaped weight that really fit in the Robbe nicely. THANK YOU!

After getting the ship as close to trimmed out as possible on the bench it was time to give it a toss into the high grass, I did the "flying" here and luckily it seemed pretty good to me. Next an experienced test pilot was nominated named Jim who gave some more input on the trim and then it was time to make the actual launch. Ted's hi-start was utilized and with Jim at the controls the ASW19 was launched up into the Southern California marine atmosphere. It was fantastic to watch something that I put hours of work into not come straight back down to terra firma like a sack of rocks! Jim landed it and suggested some more weight in the nose, which was promptly attended to by Ted!

The next flight was again performed by Jim and another great guy named Doron did the throw and it was executed precisely as the glider took off right into the sky again. I could tell instantly that the craft was flying in a more stable fashion and upon landing Jim agreed, he liked the weight balance better than the first flight.

The next day was fantastic as well in that I left the Robbe in the truck and Safety Officer Karl invited us (my friend and also my sister) to actually fly the trainer glider (Gnome) after it was launched off of the winch. That was AWESOME! Got to hunt thermals a little and get a real feel for what unpowered glider flight is all about. And to anyone that I didn't mention, please accept my thanks as well, there were many other faces and folks that were helpful as well out there.

Anyone passing through Orange County really should stop by Fairview Park in Costa Mesa and pay the Harbor Soaring Society a visit, they really are a great bunch of people!

Joe Noble



More Training

Ted Broberg sent this photo of two of our recent Intro Pilot program students. We have Paul Draper and his son Brett. Ted reports that they came from Poway with the boy's sister, who was in a track meet that day, and were watching some of our fliers.

"I asked them if they were interested in R/C flying, and the boy said 'Yes.' I hooked him up with the club's RADIAN trainer and SPEKTRUM radios. Both did well, and we started corresponding about flying, and future visits. On their second visit, I was able to give them an EASY STAR and radio, batteries, and a charger that David Bowles had given me to pass on to a young person.

This photo was taken February 9th by Gary Gough on his cell phone. Both are doing just fine, and each of them made one or more landings!"



A Little Light Humor from Monty Python

The English are feeling the pinch of recent terrorist threats and have therefore raised their security level from "Miffed" to "Peeved." Soon, security levels may be raised yet again to "Irritated" or even "A Bit Cross."

The English have not been "A Bit Cross" since the blitz in 1940 when tea supplies nearly ran out. Terrorists have been re-categorized from "Tiresome" to "A Bloody Nuisance." The last time the British issued a "Bloody Nuisance" warning level was in 1588, when threatened by the Spanish Armada.

The Scots have raised their threat level from "Pissed Off" to "Let's get the Bastards." They don't have any other levels. This is the reason they have been used on the front line of the British army for the last 300 years.

The French government announced yesterday that it has raised its terror alert level from "Run" to "Hide." The only two higher levels in France are "Collaborate" and "Surrender." The rise was precipitated by a recent fire that destroyed France's white flag factory, effectively paralyzing the country's military capability.

Italy has increased the alert level from "Shout Loudly and Excitedly" to "Elaborate Military Posturing." Two more levels remain: "Ineffective Combat Operations" and "Change Sides."

The Germans have increased their alert state from "Disdainful Arrogance" to "Dress in Uniform and Sing Marching Songs." They also have two higher levels: "Invade a Neighbour" and "Lose."

Belgians, on the other hand, are all on holiday as usual; the only threat they are worried about is NATO pulling out of Brussels.

The Spanish are all excited to see their new submarines ready to deploy. These beautifully designed subs have glass bottoms so the new Spanish navy can get a really good look at the old Spanish navy.

Australia, meanwhile, has raised its security level from "No worries" to "She'll be alright, Mate." Two more escalation levels remain: "Crikey! I think we'll need to cancel the barbie this weekend!" and "The barbie is canceled." So far no situation has ever warranted use of the final escalation level.

-- By John Cleese - British writer, actor and tall person



HSS Fun Fly, Barbeque, and Swap Meet

Our Contest Coordinator, Jim Hanson has scheduled our first of the year fun fly, barbeque, and swap meet for Saturday April 30, 2011 at Fairview Park. A flyer advertising the event is shown below, along with the rules for the fun fly classes.

LIMBO COMPETITION

1. Limbo course will consist of two (2), ten (10) foot tall poles twenty (20) feet apart. With a two inch wide ribbon of crepe paper tied between them.
2. Round one will start with the ribbon eight feet above the ground. After each round the ribbon will be lowered two feet. Until only one pilot flies his or her airplane under the ribbon.
3. Any fixed wing electric powered air plane may be flown.
4. Pilot must stand 15 feet out side of the limbo poles while flying there airplanes through the limbo course.
5. Each pilot will have three tries to advance to the next lowest ribbon height.

PRECISION RUN WAY LANDING RULES

1. The object of this event is to land as close the centerline of the 24-foot long runway tape.
2. The landing tape will be anchored at both ends, and parallel with the direction of the prevailing wind.
3. The pilot will stand in the designated pilot area 20' to the left or right of runway tape.
4. The pilot will have his or her airplane approach from the downwind end of the landing tape. There will be no crosswind landings.
5. The pilot shall be awarded points according to how close the center of the nose or spinner of the airplane is to the left or right of the landing tape. No points will be awarded if the plane lands past either end of the landing tape.
6. Each pilot will have four attempts to three official landings. His or her score will be the total his or her three best landings.
7. Each pilot will call landing prior to his or her airplane approaching the downwind end of the landing tape, and will stop the motor utilizing the throttle stick on his or her transmitter prior to or immediately upon touchdown of the airplane, and remove his or her fingers from both control sticks. No taxiing around after landing.
8. Scoring will be as following. 100 point if the center the nose or spinner is on or within 1" to the left or right of the runway tape, 5 point will be deducted for every additional 5" to the left or right of the tape. No points will be awarded if the airplane flips over or loses any parts.

STOCK CLASS T-28 or F4U PYLON RACE

1. Model must be built from standard Park Zone T28 Trojan kit or Park Zone F4U. No trimming, modifying, or reshaping of any parts. Contestant may decorate his or her model with paint or stick on trim sheet.
2. The wing may be reinforced with no more than two strips of reinforced packing tape on the bottom surface of the wing.
3. The plane must be powered by the stock out runner motor that comes with the airplane.
4. Only 3 cell 11.1V 1800mAh, or 2,100mAh Li-Po Battery is allowed
5. Choice of radio equipment i.e. transmitter, receiver, and servos is up to the pilot, but it must be on an aircraft frequency 2.4 GHz or 72 MHz
6. No ballast may be added to the model.

PYLON COURSE

The course will consist of two 10 feet high pylons 125 feet apart. The start and finish line will be located at pylon A. Turn marshals will be used to ensure each plane rounds each pylon. Penalty for cutting a pylon the pilot will make a 360-degree circle around the cut pylon.

RULES

1. All starts will be ROG Rise off Ground. Contestant may have a helper launch his or her model.

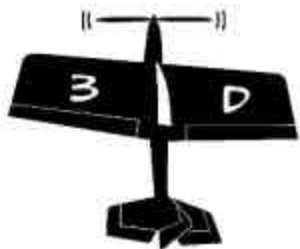


HSS Fun Fly, Barbeque, and Swap Meet (continued)

2. All laps shall be flown above the top of the pylons. Any pilot who flies below the top of the pylons will be required to make a 360-degree circle around the nearest pylon.
3. There will be a maximum of four pilots per heat, and each heat will consist of four laps.
4. AMA 1/2A Pylon flying rules will be followed. The C. D. will have a copy of the current AMA rulebook available.
5. For model identification, all planes will have two colored streamers 40 inches long attached to the wing. Streamers will be supplied by the Contest Director.

If required, first and second place finishers of each heat will fly a semifinal or final heat after allowing time for replacement or charging of batteries.

H.S.S. ELECTRIC FUN FLY & Swap Meet



**SATURDAY April 30th, 2011 7:00 am till
3:00pm**

EVENTS

Limbo, Runway Landing, and Micro T28 pylon
races. Plus scale, aerobatic, and 3D demo flying!!

Entry \$5.00 for first event, \$1.00 for every extra event. Maximum entry fee \$10.00, must show proof of AMA membership. and Fairview Flying Permit Certificates will be awarded for event winners. Karl Hawley will serve a gourmet Hot dog lunch for a nominal fee. For more information or if you have any questions contact Jim Hanson at (949) 294.8365, send e-mail to tog4rc@pacbell.net. Check our website 1hss.org, or harborsoaringsociety.org



Victor Valley RC Flyers and the Silent Flyers

The Victor Valley RC Flyers have made great strides to develop their field for powered and glider RC models, but especially for what they call the "Green Side of VVRCF", the Victor Valley Silent Flyers.

We are featuring their club and glider flying site because they have become very active within the Southern California Soaring Clubs (SC-2). They are hosting the third SC-2 contest of the 2011 season on 17 April, and also a Man-On Man competition on 17 July 2011 (see the following notices for these events). A map at the bottom shows the way to the field. Check their web site at www.vvrcf.org.

The VVSF glider field is 1100 feet long, 400 wide and is close to RV hookups at Hesperia Lakes.

There are 10 winch positions spaced across 275 feet with 600 feet to turnarounds.

Turnarounds are in concrete and compatible with most pulley types. The turnarounds are in the top right corner of the photo.

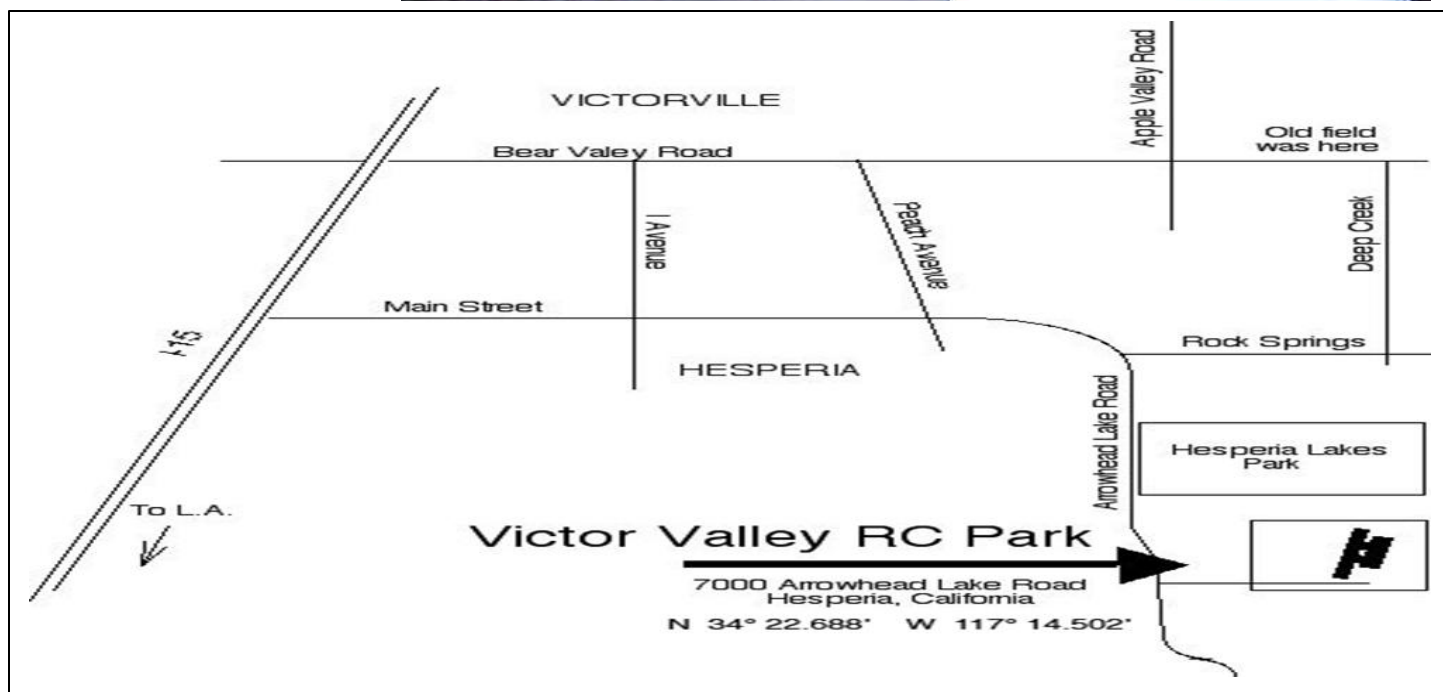
The landing flight line is 80 feet behind the winch positions.

10 landing tapes are spaced across 275 feet.

Landing surface is dirt. Grass is planned for the future. In the photo at the right a portion of one of the 10 yellow landing tapes can be seen.

Victor Valley Silent Flyers

The green side of Victor Valley RC Flyers



SC2 @ VVRCF

Southern California Soaring clubs Competition April 17th, 2011

Hosted by;

The Victor Valley RC Flyers

On the new, expanded, RC Soaring Field at the "Victor Valley RC Park"

Registration Opens at 8:00 AM

Pilot's Meeting at 9:00 AM

First Flight at 9:15 AM

Contest Director: Rick Pearson (AMA #9369), (951) 240-9704

3 Rounds Precision Duration

6 Minute

10 Minute

8 Minute

50 Point Tape Landing

Wind often comes up after noon. For that reason the longest duration round will be #2.

Winches are 600ft to turnarounds. Retrievers will be used.

950 flight points and 50 landing points per round

Restroom facilities are on site. No water is available, be sure to bring your own!

The field gate is near 7056 Arrowhead Lake Rd, Hesperia, CA 92345



GPS Coordinates

34.376, -117.250 or

34:22:35.75N, 117:15:00.50W or

34d,22m,35.84sN & 117d,15m,0.35sW

Directions;

Exit the 15 freeway at Main St. Hesperia and go east 9.5 miles. Main St. will turn right and become Arrowhead Lake Rd. Continue on, pass Hesperia Lake for half mile to the gate entrance on the left.

There is a large sign indicating the entrance. Follow the field road in to the field.

Please do not leave the field road. Drive straight in and then bend to the left.

Parking is along the East side of the parking area.

The field will be open by 7:00 AM and the winches will be set up by 8:00 for practice or fun flying.

The winches will be shut down at 8:45.

SC2 Man-On Man @ VVRCF

Southern California Soaring clubs MoM Competition **July 17th, 2011**

Hosted by;

The Victor Valley RC Flyers

On the new, expanded, RC Soaring Field at the "Victor Valley RC Park"

Registration Opens at 8:00 AM

Pilot's Meeting at 9:00 AM

First Flight at 9:15 AM

Contest Director: Rick Pearson (A M A #9369), (951) 240-9704

3 Rounds Precision Duration

10 Minute

10 Minute

10 Minute

50 Point Tape Landing

10 Winches spaced 25ft apart with 600ft to turnarounds.

950 flight points and 50 landing points per round.

Restroom facilities are on site. No water is available, be sure to bring your own!

The field gate is near 7056 Arrowhead Lake Rd, Hesperia, CA 92345



GPS Coordinates

34.376, -117.250 or

34:22:35.75N, 117:15:00.50W or

34d,22m,35.84sN & 117d,15m,0.35sW

Directions;

Exit the 15 freeway at Main St. Hesperia and go east 9.5 miles. Main St. will turn right and become Arrowhead Lake Rd. Continue on, pass Hesperia Lake for half mile to the gate entrance on the left.

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Please do not leave the field road. Drive straight in and then bend to the left.

Parking is along the East side of the parking area.

The field will be open by 7:00 AM and the winches will be set up by 8:00 for practice or fun flying.

The winches will be shut down at 8:45.

Seen Around the Heli Pad

Here are a great set of helicopter enthusiast photos, courtesy of Chris Hill. Thanks, Chris. – Ed.



Bill Lawrence puts the finishing touches on his Trex 600 while Chris Hill offers helpful advice



Chris Hill, Jim Hanson, and Doron Ben-Yehezkel admire Chris's Outrage 550 Heli

To the right, Chris Hill preflights his Outrage 550.

Below that, we have Jason Osborne, Wil Downs, Barry, Steve Roy, Alex Beller, Doron, and Chris watching John Lillegard's 3-d flying, which is shown directly below.

The helicopter group within HSS is expanding, and making good use of the area set aside at Fairview Park.

We have high hopes that Chris will provide a technical lecture on the dynamics and control of helicopter flight at one of our general meetings in the near future.



Plane of the Month

Our club photographer, Rob Askegaard, has a penchant for scale aircraft models, and so we are featuring a number of Rob's photographic studies.

Here is Doug Young, a high school sophomore with his really neat foam F4U-4 Corsair from Nitro Planes. Doug has done an excellent job on this model, including the retracts. That beautiful scale four-bladed prop really brings the Corsair into realism. Doug needs to let us know where he got the prop as it would be so great to have scale, detailed multi-bladed props available for more scale planes.

In case you didn't notice, this is the very same Doug Young that was our docent at our Feb 5th visit to Lyon Air Museum, whom we featured in a photo in last month's newsletter. Glad to have you at our field, Doug.



Second Plane of the Month

Rob Askegaard has the following comments and photos.

This is Phil Bland's beautiful Nieuport 28. Scale is 1/5 and is a Maxfort ARF with a Rimfire 1.2 motor. He says it's a "Great Plane", so I'm clear on who makes the kit. It uses one 6 cell 5000ma LiPo. Weight 9.6 lbs.

It flies great and looks so beautiful in the sky.

We have such a great collection of larger World War I biplanes, that it would be nice to get photos of HSS members flying them at the Dawn Patrol Fun Fly hosted by the Gilman Springs RC Flyers. See the flyer on page 20 of this newsletter. - Ed.



Third Plane of the Month

Rob Askegaard reports on the following airplane of the month. The plane is a Grumman F6F Hellcat, which is presently owned by Kenny Blasius but it will soon be the property of Walt Cloer. It was originally a Guillow kit. As you can see, it is a stick model converted to a really neat electric model equipped with flaps. However it doesn't have retracts. It's a pretty small plane with a span of about 30" so it has been kept as light as possible. Kenny flies it beautifully. Don't know what motor it has.

Thanks. Rob. - ed



Seen Around the Runway

Shown at the right, Dave Maze makes a pass with his "Phantom Racer". He flies it well.

Below is an airplane called the "Autoplane". The real plane was built in England and first flew in 1936. There was only one built. It was a 2-seat with 2 Continental engines of only 40 hp each. Designed by Edmund G. Hordern and built by the Heston Aircraft Factory.

The model was built by ace builder Tom Augustine and owned now by Walt Cloer. It has a span of 62" and is powered by 2 AXI motors. Weight is 4 lb. Walt flies it very nicely. A neat but obscure airplane.

At the bottom we have another foam EDF jet. This is an Alpha Jet owned by John Stambuck. It has a 70 mm EDF with a 3900 kv motor. The ARF is made by FMS and weighs 2 lb. Flies nicely. Again, thanks to Rob Askegaard. – Ed.



Gilman Springs RC Club Dawn Patrol

The Gilman Springs RC Flyers are hosting a WW I war birds fun fly called Dawn Patrol over Gilman Springs on Saturday April 16th. They comment that they had a great turn out last year, so they are planning a great time again. Please plan to attend. Electrics welcome.

Dawn Patrol Over Gilman Springs



Gilman Springs

RC Flyers

WHERE: Killeen Field, Gilman Springs Rd. Moreno Valley, CA.

WHEN : Saturday - April 16, 2011 - 8am to 3pm.

FEE: Landing Fee - \$15. **NOTE:** Must show current AMA Card.

ACTIVITIES: Open Flying (WWI Warbirds Only), Awards, Raffle.

AWARDS: 1st, 2nd, 3rd - for over 60 size, 60 & under size, and Electric any size.

Also, Award for "Pilots Choice" and Award for "Peoples Choice".

(Model must be flown to be eligible for an Award).

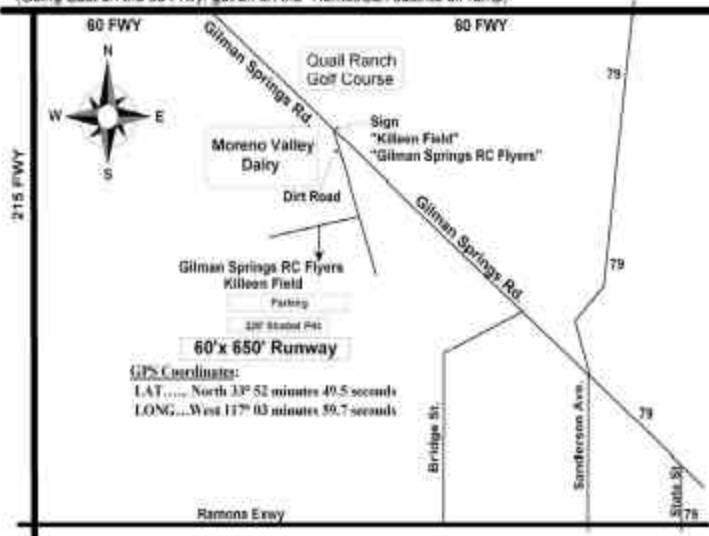
FOOD CONCESSION:



(Going East on the 60 Fwy; get off on the "Hemet/San Jacinto off ramp")

Dust off your WW I
Model and show it
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Enjoy our
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For information, contact Mike Stone at (951) 845- 7039



Plane Rap Classified Ads and Services - For Sale

This area of the newsletter is free to club members to sell planes, related equipment, and services. Contact Fred Hesse at fhesse@socal.rr.com with any material that you wish to insert here.

- **Custom laser cutting services** are now provided by GDH Planes, in addition to manufacturing kits. With the currently weak Canadian dollar (we are a Canadian company), it is a great time to use our services and take advantage of the exchange rates, adding to our already reasonable rates (US\$1 is currently equal to about \$1.157 Canadian). Should any of your members require this service, please have them visit our web site at www.gdhplanes.com or email us at LaserCutting@gdhconsulting.ca.

Regards, Glen Harbottle President GDH Consulting Corp. Tel: 905-668-2326 glenh@gdhconsulting.ca

HSS Sponsors

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

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**The Great 25 Radio
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HURRY! This giveaway ends this month!
Go to: hobbypeople.net/newsletter for details!

SPECIAL EVENT: APRIL 30

**WAREHOUSE
INVENTORY
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**EXPERIENCE
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**DRIVE TO OUR
FOUNTAIN VALLEY
WAREHOUSE!**
18480 Bandiller Circle
Fountain Valley, CA 92708



**YOU'RE
INVITED!**

**Saturday
April 30
7 a.m.**

**NOTE: THIS IS A TOTALLY SEPARATE
SALE EVENT FROM THE 6-DAY SALE!**

Until it's all gone!

SPECIAL EVENT: MAY 21



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WHEN YOU'VE HAD IT WITH HIGH PRICES, TURN TO US FOR THE BEST DEALS!

MEMBERSHIP APPLICATION 2011

Harbor Soaring Society
P.O. Box 1673
Costa Mesa, CA 92626
AMA Chartered Club # 128

AMA's Oldest Chartered Soaring ClubSilver Leader Club Since 2009

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

NAME _____ Home Ph.# _____

ADDRESS _____ Work Ph. # _____

CITY _____ STATE _____ Zip _____ E-MAIL _____

AMA # _____ (PROOF OF STATUS REQUIRED, Xerox copy OK)

DATE OF BIRTH _____ Frequency channels used ____/____/____/____

- ☐ NEW APPLICANTS (Without Name Tag)–(17 years and older) = \$20.00
☐ SENIOR MEMBER (Renewal W/O Name Tag)(17 years and older) = \$20.00
☐ JUNIOR MEMBER -----(16 years and under), = \$10.00
☐ Optional or Extra HSS Name tag----- = \$15.00; including mailing
☐ I hereby give my permission to publish my [NAME], [ADDRESS], [PHONE], [E-MAIL ADDRESS] in the monthly newsletter. (Strike out any element of personal information that should not be published). Note that newsletter is published on club web site.
☐ I request E-mail delivery of the monthly newsletter. (Include E-mail address above.)
☐ I request printed copy of the monthly newsletter by U.S. Mail. Printing and mailing = \$20/year.

My interests in radio control flying include (Check all that apply including future interests):

Thermal Duration Gliders _____	Slope Soaring Gliders _____	RES Gliders _____
Large Scale Gliders _____	Hand Launched Gliders _____	Electric Motor Gliders _____
Park Flyer Electric Planes _____	Acrobatic Electric Planes _____	Scale Electric Planes _____
Electric Pylon Racing _____	Indoor Electric Planes _____	Electric Helicopters _____

Applicants making application for senior membership between July 1st and October 31st pay a reduced rate of \$10.00 (Name tag extra). New applicants making application between November 1st and December 31st will pay the annual rate indicated above and such dues will make the new member paid in full from November 1st through the following year. A signature is required from all Harbor Soaring Society members, and applicants, agreeing to comply with the current AMA Safety Code and the current HSS General Field rules and Field Safety Rules. Note that a City of Costa Mesa permit is required to fly at Fairview Park. Obtain this from the Costa Mesa Parks and Recreation Department. Cost is \$20

The undersigned attests that: I will operate my model using only radio control frequencies currently allowed by the FCC. Further, any transmitter that I use at any designated HSS flying field must be manufactured to meet the AMA/FCC specifications for model aviation. I understand that my failure to comply with the above restrictions will result in nullification of liability coverage for damages caused or claimed.

SIGNATURE: _____ DATE _____

Total dues owed and attached: \$ _____

SIGNATURE OF CLUB OFFICER RECEIVING APPLICATION _____



HSS MEMBERSHIP SURVEY – 2010 - 2011

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

Name _____ Date _____

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

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

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

Other-such as _____

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

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

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

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

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

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

Contests___ Which kind? _____

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

Other-such as _____

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

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

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

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

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

Comments? Suggestions? Speaker/Subject Ideas? _____

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

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

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

Comments? Suggestions? _____

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

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

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

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

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



HARBOR SOARING SOCIETY OFFICERS FOR 2011

President	Henry Smith IV	714-865-9624	hank.4th@gmail.com
Vice President	Chris Adamczyk	949-760-5038	czyk@sbcglobal.net
Treasurer	Dennis Anderson	714-531-1320	dba999@pacbell.net
Secretary	Ted Broberg	714-235-6430	tbroberg@earthlink.net
General Director	Henry Smith III	714-838-3964	henry.smith.3@earthlink.net
Contest Coordinator	Jim Hanson	949-294-8365	tog4rc@pacbell.net
Safety Officer	Karl Hawley	949-232-4590	kvhawley@yahoo.com
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Web Site Administrator	Fred Wilmott	949-367-6671	wilmott@cox.net
Winch and Key Master	Karl Hawley	949-232-4590	kvhawley@yahoo.com

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

NEXT CLUB MEETING WILL BE:

**TUESDAY APRIL 5TH, AT ROUND TABLE PIZZA, 11075 WARNER AVE.
FOUNTAIN VALLEY, 7 – 9 PM. ALL YOU CAN EAT \$6.99.**

**BRING YOUR WIFE, FAMILY, AND FRIENDS FOR DINNER. CHRIS ADAMCZYK WILL GIVE A
PRESENTATION ON AERIAL PHOTOGRAPHY. THERE WILL BE A SPECTACULAR RAFFLE, AND
SHOW AND TELL. SEE DETAILS AND MAP TO LOCATION ON PAGE 5.
SEE THE COLOR NEWSLETTER SENT BY E-MAIL AND AVAILABLE ON OUR WEB SITE.**

Harbor Soaring Society
P.O. Box 1673
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