

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

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

OCTOBER 2004

VOLUME 41

F3J Worlds Competition

As was reported last month, the United States Junior Team took second place in the F3J Worlds competition held late August/early September in Calgary Canada. Details of the competition in both junior and senior classes can be found at www.f3j.ca and www.f3x.no. In the meeting minutes contained on page 2 below,



Chris Adamczyk gave a brief description of what it waslike for his son Casey to participate and contribute to the Team's winning effort.

Chris did provide some wonderful photos that we can share. Above left are Casey Adamczyk, Paul Griebenow, and Joe Newcomb receiving their trophies. Above right is Casey holding his Star-Lite glider. And lower right is Casey and a friend, described by Chris as "one of the attractions at the competition". Now if you go to our web site, look for this issue of Plane Rap, you can appreciate the attractions in full color. Really wow!

Again, Congratulations, Casey Adamczyk.



OCTOBER 2004



PAGE 1

September 7th, 2004 Harbor Soaring Society Meeting Minutes

The meeting opened at 7:35. We had three executive board members plus 11 members and guests.

Gary Rotter received his AMA license, and is joining HSS this evening.

Another guest, Heinz Krauel joined us from Germany. Heinz flew planes as a youth, and has been involved with U-control and free flight models, one of the more recent being a four meter ASH-26 glider. He has built 35 planes, and designed 20 of them himself. Thank you for joining us, Heinz.

Unfortunately, Don Ramsey has had to resign from his position as secretary of HSS, due to poor health. Fred Hesse was voted in as assistant secretary for the remainder of this year. Don, we hope you get to feeling better, so you can join us at the field.

Karl Hawley has been working with the city in order to get a water pipe installed at our field. Karl would like to see a little greenery in our landing area. Karl also stated that the sign placed by the frequency control board seems to be working. The sign, made up by Jim Hanson, requests electric planes to fly North of the school fence.

Our President, Troy Peterson, will attend the quarterly meeting of "Friends of Fairview Park". HCC will provide a representative for this organization for the coming year.

Karl has a variety of T-shirts and polo shirts, with and without pockets, all with the new club logo. Prices vary so talk to Karl. He will cut you such a deal! (Latest prices shown on Page 5. Ed.)

Troy reviewed the progress to date with the special committee which is developing a plan to improve field safety, clarify club responsibility, and improve our relationship with the city. The special committee is made up of the club executive officers, and the club standing(?) committee. A working group of four members has been established to collect information and develop the plan details. The next meeting will be held September 16th at Domenico's, on 19th Street at 7:00PM.

Chris Adamczyk gave a brief description of the Canada Cup and F3J World Competition held at Calgary Canada, in which his son Casey was a US Junior Team member. There was lots of very strong wind, and it was cold and cloudy. The competition was extremely tough. Pilots launched their gliders and were swept down wind where some thermals were available about a mile away. Still, the more capable pilots were able to complete a 15 minute flight and still return to the landing tape and score 100 points. Casey helped the US to win second place in junior team competition. This is really great for Casey, as it is his first trip to the world championships.

Troy Peterson gave a report on his trip to York England for the world championships for F5-D pylon racing. This was Troy's fifth trip to the world championships, and he had put a lot of time into power system development and flying practice. Hacker USA has been very helpful in developing faster planes. However, the Europeans introduced a new "Super Cell" that is not available in the US. This gave them about 15 MPH extra speed, which was unbeatable. Still, with expert flying the US took 5th, 6th, and 7th over all. Good show Troy.

The meeting was concluded at 8:15, after which John Krug discussed Art Hobby (Glider mail order company) and how he has been rebuilding the wing spar on a very reasonably priced (\$350) high performance three meter glider that they sell.

The main feature was Jim Parsons demonstration of fiber glass layup of a fuselage for his Spectra 123 glider. Very educational, as Jim explained the materials and processes.

Respectfully submitted,
Fred Hesse, Assistant Secretary



AMA Security Advisory (Posted on the AMA Web Site 8/31/04)

As part of the addition of a Safety Officer, the AMA recently posted the following:

During the past few months there has been an increase in reports of the possibility of more numerous terrorist attacks and the threat of more attacks on U.S. soil. In turn this has prompted law-enforcement and security agencies to become more aware and observant of activities they perceive as having the potential for terrorist use. Model aviation, as we are fully aware, is included in such a list. Therefore we are issuing this advisory.

First and most importantly, cooperate. Once the representative(s) have established their identity—and any legitimate officer or investigator will do this—cooperate by answering their questions honestly, politely, and with care. Please take these inquiries seriously and don't forget the impact your answers and attitude could have on your flying privileges not only locally but nationally.

These are the times to give factual information and not the time to brag on your "modeling exploits." Even though you are answering questions to determine the security risk model airplanes may pose, you may also be answering questions asked by people who have never experienced our sport. You may be teaching them about the activity they are investigating and if that is the case you want them to be well informed so they can fully appreciate what our activity is about.

Second, always remember to direct them to the Academy of Model Aeronautics, your national organization, for any additional information they may need. We have a good rapport with the agencies responsible and will be more than willing to assist at any level necessary. Establishing a good working relationship with such agencies is important not only to our national security but to our efforts to maintain our privilege to continue participating in the sport we all cherish.

We have included a copy of the Media Advisory which AMA issued in April, 2003, with this Security Advisory for your review. Should you be approached by members of the media please keep the points made in the document below in mind.

Media Advisory: We are sending this advisory as a result of recent events involving the news media making contact with local AMA Chartered Clubs or individuals.

In today's tense atmosphere of terrorist threats, possible military actions, etc., there appears to be exuberance on the part of news agencies and individual reporters to gather information concerning the use of model aircraft as possible security risks. Many times, in an effort to take advantage of the opportunity to garner some public exposure for their local flying activities, the members are surprised when the news release does not resemble what they had assumed would be published. This results in negative press for the sport and local participants, and may spread misinformation.

As a service to all AMA Chartered Clubs, we are suggesting that if you or your club are contacted by TV, radio, newspaper, or Internet reporters for interviews—other than coverage of such activities as fly-ins, mall shows, airport-awareness days, etc.—you direct them to the AMA Headquarters for information. If in doubt, please err on the side of caution.

Our main purpose for the Advisory was to bring the matter to the attention of our members and remind them of how important it is to be cautious when giving interviews during these times. We are all aware of how communications can be misunderstood or misinterpreted and how reporters can sometimes inject their own perceptions. All we can ask is that anyone speaking on behalf of our modeling activities be aware of what the consequences of their words might be.

At any time, please contact Jay Mealy at AMA Headquarters with questions, comments, or concerns.

Jay Mealy
Programs Director
765-287-1256 ext. 270 office
765-749-4841 cell
jmealy@modelaircraft.org



Minutes of Special Committee Meeting held on September 16th, 2004

The third meeting of the HSS special committee for safety and flying site preservation met at Domenico's on the 16th of September. In attendance were Troy Peterson, Jim Hanson, Karl Hawley, Bill Eckles, Jim Hanson, Mike Gaczowski, Pete Rissman, and yours truly.

Troy, Karl, and Bill have been attending a number of meetings including Friends of Fairview Park, and Costa Mesa City Council meetings, to show HSS support, and to determine the position of new council members.

Bill Eckles has prepared a brief summary of HSS concerns and suggestions as follows:

HSS Objectives: Preserve flying site...

- Assure adequate liability insurance for all flyers.
- Improve safety procedures of flyers.
- Minimize negative impact on area residents.
- Minimize negative impact on park users, other than fliers.
- Maintain program to train new flyers and expand facility usage.

Proposal:

- Establish permit system for all flyers at the field, regardless of club membership or affiliation. Incorporate this as a Costa Mesa City Ordinance.
 - Proof of liability insurance would be required. AMA or valid personal insurance.
 - Permit would be necessary in order to use the field (except for contests when HSS absorbs liability).
 - Enforce permit use through city of Costa Mesa Park Ranger/Orange County Sheriff Department/Costa Mesa Police Department.
- Provide a small positive revenue flow to city of Costa Mesa through permit fee (\$10).
- Provide set of viable rules for the flying field, to improve flying safety.
 - Areas for flying various aircraft types.
 - Altitude regulations or procedure for conduct with full size aircraft.
 - Use of frequency board and frequency controls.
- Coordinate with AMA regarding insurance, program, rules and structure.

Next Steps:

- Review concept with HSS membership and executive council.
- Review concept with Costa Mesa City Council and/or Parks Department personnel.
- Articulate rules plan incorporating issues from HSS, Costa Mesa Parks and Recreation Department and AMA.
- Work with Parks and Recreation Department to establish and refine program and its enforcement.
- Continually improve flying site and conditions to assure safe and satisfying environment.

In addition, it was suggested that HSS provide ideas for improvements to the park. One approach would be to encourage the city to flatten out part of the mounds to the North of the present flying area so that we are not flying close to the paved walkway. This is part of the master plan, and should be agreeable to the city. Alternately, the area North of the mounds is flat and relatively free of paths, which would be a safer place to fly.

The committee has basically approved the above plan, and after further refinement, Troy, Karl, and Bill intend to meet with Bill Morris of the Parks and Recreation Department.

Respectfully submitted, Fred Hesse, Acting Secretary



Hobby Visions Hobby Show in Las Vegas

The Hobby Visions Exposition is billed as "The greatest Hobby Event in the World." Well, it is coming to Las Vegas at the Sands Expo Center and the Venetian Hotel, and will be open to the public on Saturday and Sunday October 9th and 10th, 2004. We can be sure that Karl will give us an update when he returns. For further information check www.hobbyvisions.com.

Coming Events For 2004

Sunday	September 26	7 th SCSC thermal duration competition, Inland Soaring Society, Riverside.
Sat-Sun	October 2-3	CVRC Fall Glider Festival, Russell Pond club field, Visalia CA.
Tuesday	October 5	HSS monthly meeting, 7:30 PM, at the Irvine Water District offices. Address is 16500 Sand Canyon Avenue, in Irvine.
Sunday	October 10	Tenth HSS thermal duration contest for 2004. Fairview Park, Costa Mesa.
Thurs-Sun	October 7-10	Hobby Vision Show, Sands Expo and Convention Center, Las Vegas NV.
Sat-Sun	October 16-17	CVRC 3 rd Fall Aero Tow (Giant scale), Russell Pond club field, Visalia CA.
Sunday	October 24	8 th SCSC thermal duration competition, Torrey Pines Gliders, Poway.
Tuesday	November 2	HSS monthly meeting, 7:30 PM, at the Irvine Water District offices. Address is 16500 Sand Canyon Avenue, in Irvine. (Election Day).
Saturday	November 6	Model Hobbies Swap Meet, El Toro OCMA Field 7AM-2 PM, get invitation at www.flyocma.com . This is the big swap meet because its just before Xmas.
Sunday	November 7	Eleventh HSS thermal duration contest for 2004. Fairview Park, Costa Mesa.
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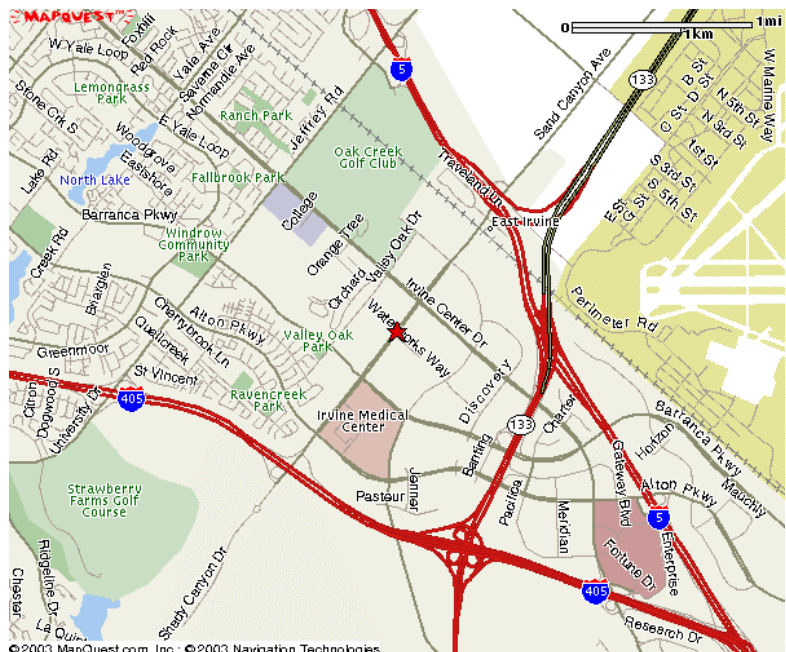
October 5th Meeting Notice

The next meeting will be Tuesday October 5, 2004 at the Irvine Water District. The address is 15600 Sand Canyon Drive. There are exits for Sand Canyon Drive on both the 5 and 405 freeways.

The business meeting starts at 7:30 PM. We had 14 members and guests present at the last meeting.

2005 Elections

The 2005 elections for HSS Club officers is coming up soon. If you want to serve, please contact any club officer and get your name on the upcoming ballot. More information will be in next month's PlaneRap.



New Club T-Shirts

Karl Hawley has received the new shipment of HSS T-shirts. They have the club logo on the back in full color, and a small sailplane on the front. These high quality shirts are priced as follows: T-Shirt, no pocket, \$5; T-Shirt with pocket, \$7; Golf shirt with a polo collar and a front pocket, \$13. These are available to all members. Contact Karl and get yours before they are all sold out.



Plane of the Month – JU-87 Stuka

Our model of the month is Jeff Cooper's JU-87 Stuka. This is a big 71" span Great Planes ARF model intended for .60 size engines. Jeff has converted this big beauty to electric using an AXI 4130-20 outrunner motor with a Jeti 77A electronic speed controller, 24 cells of 3300ma-hr NiMh batteries, and a 16" prop. The model comes with special hinges that duplicate the offset position of the ailerons and flaps of the real plane. Jeff says it flies like a trainer, but the glide is a little steep. Once again, we can thank Rob Askegaard for the wonderful photos.



More Great Internet Sites

Once again, Herman Hall has provided another really fun internet site. Try this one: WWW.atcmonitor.com. This gets you onto a site that features the real time image (updated about once a minute) as seen by an air traffic controller for the Atlanta Georgia area. The site shows the North East Atlanta Macy Arrival Center and has real time air traffic controller voice communications after you load a software adapter. This site is the first web site of its kind and presently has a selection of one traffic control center, two TRACONS, and nine towers (however the towers did not seem to connect up for me). See if you can spot the planes that you hear communicating over the voice channel! Herman is one of the few members who sends the editor some interesting material. Thanks, Herman, it is appreciated.

HSS Group on Yahoo

A new E-mail/bulletin board for HSS has been opened, called the CostaMesaSoaring group at Yahoo! Groups, a free, easy-to-use email group service. (This group was moderated by an unknown someone who turned out to be Jeff Gortatowski - Ed).

To learn more about the CostaMesaSoaring group, please visit <http://groups.yahoo.com/group/CostaMesaSoaring> (where you may join the group if you wish - Ed).

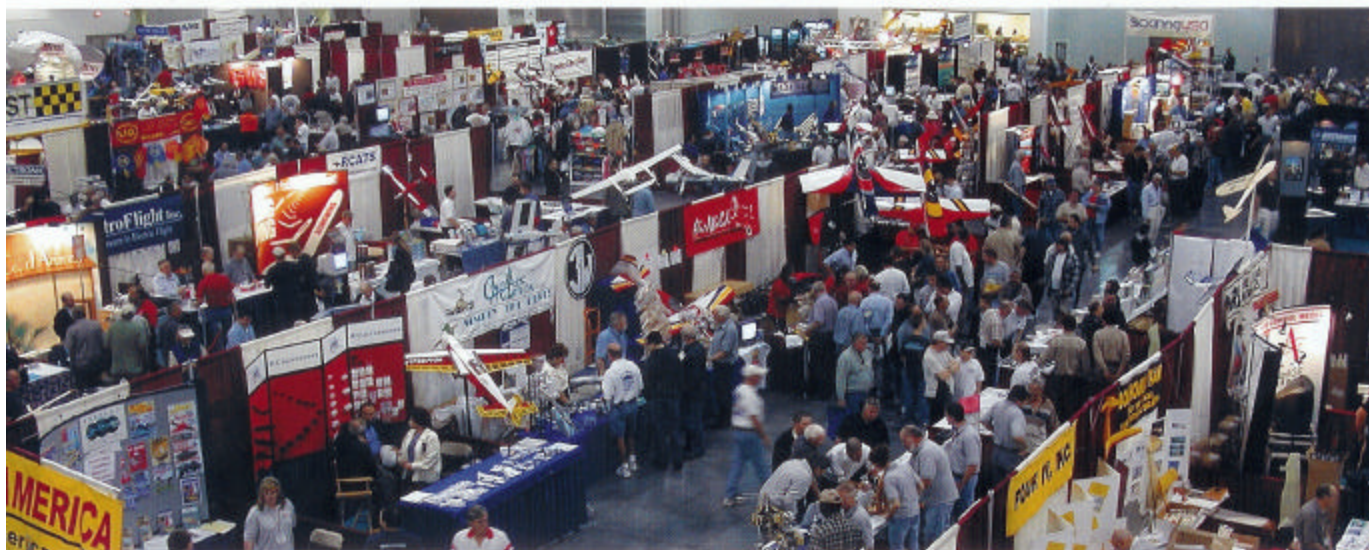
To start sending messages to members of this group (after you have joined), simply send E-mail to CostaMesaSoaring@yahoogroups.com.

If you do not wish to belong to CostaMesaSoaring, you may unsubscribe by sending an email to CostaMesaSoaring-unsubscribe@yahoogroups.com.



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El Toro Air Show

The Orange County Modelers' Association (OCMA) held their second annual radio control air show at El Toro field last September 18th. It was a really great show with emphasis on large scale models. (Oops! The editor just noticed that El Toro isn't as level as it used to be.)

If there was a queen of the show, it had to be the 133" wing span B-24D Liberator shown below.



This beautiful lady had four Magnum 61's for power, retractable landing gear, and all the superb detail of a first class scale model. It was built from an American Eagle kit. The pre-flight warm up was a major task, as each engine had to be individually tuned to maximum power and matched RPM using a tachometer.

Without a doubt, the king of the show had to be the turbine jets. There were at least three, of which the best was the F-15 done up as a carrier based plane. This monster had 40 lbs of thrust, and the most exquisite detail, right down to the pilot's two tone leather gloves. The gear, tail hook, drag brake, and remotely opening canopy all had compressed gas actuators. To get the engine started, the plane is placed on the apron, and the on-board electric starter is remotely engaged. These engines are brought up first with propane, and then gently weaned onto jet fuel. The sound is spectacular, and it whines like the real thing. After everything is working (tail pipe temperature up to 600 degrees C), the plane is taxied out onto the runway and brought to a stop with brakes on the wheels (a definite requirement for those hot landings). The engine is spooled up and the plane is off. The start-up operation and subsequent flight is so realistic that it brings tears to your eyes. Wow, what a screamer!



Another smaller, quieter, but just as beautiful plane was a model of a B-57 Canberra. The plane is held by owner/builder Dan Savage in the photo below left. This was electric powered with two Hacker B-40's driving Wemotec MF-480 fan units, and drew 40 Amps from two Thunder Power 3S4P Li-Po batteries. The plane is constructed of balsa, plywood with foam wings, and weighed about 8.5 lbs. It had spring air retracts, and hauled along at about 80 MPH. A nice paved runway makes this a really fun aircraft. Dan, who is part owner of Savage Light Industries (www.savagelight.com), said there is a possibility that the model may be kitted. Check their web site for other products.

The Farman Moustique a French design of 1936 is ½ scale and has a 13 foot wing span. This magnificent plane took Lawrence Klingberg Jr. one year to build. Larry appears in the photo below right, behind this behemoth. It won first place in civilian class aircraft at the 2004 AMA convention. It weighs 52 lbs and has a single cylinder Webra Bully engine of about 4 cubic inches buried in the simulated four cylinder engine that is visible. Unfortunately, this plane was not flown, but it was perfectly detailed.



SCSC Competition Results

The following are the competition results from the Southern California Soaring Clubs competition sponsored by HSS and held on July 25th. The task was to total 30 minutes in a minimum of 3 flights, and a maximum of 4 flights.

RES

Name	Ranking	Av Sec off	Av Land	LND ThOUT	Normalized	RAWTTL
31- Larry Jolly	1	7.3	72.5	0	1000.00	3232
02- Garth Warner	2	1.8	57.5	0	995.05	3216
19- Cris Adamczyk	3	9.3	42.5	0	957.92	3096
17- Tak Takayama	4	1.8	7.5	0	933.17	3016
09- Ross Thomas	5	8.8	47.5	0	872.52	2820
08- Tony Corrales	6	9.3	0.0	0	719.68	2326
32- Karl Hawley	7	1.5	12.5	0	630.57	2038
06- Chico Romero	8	9.5	0.0	0	471.53	1524
26- John Krug	9	0.3	7.5	0	318.07	1028
16- John Barr	10	0.5	0.0	0	308.17	996



EXPERT CLASS

Name	Ranking	Av Sec off	Av Land	LND ThOUT	Normalized	RAWTTL
07- Fred Sage	1	0.8	87.5	0	1000.00	3344
30- Larry Jolly	2	0.3	85.0	0	998.21	3338
03- Mike Lee	3	0.8	85.0	0	997.01	3334
14- Manny Gomez	4	1.3	85.0	0	995.81	3330
39- Jim Sneed	5	1.5	85.0	0	995.22	3328
01- Joe Rodriguez	6	3.8	87.5	0	992.82	3320
28- Aaron Valdes	7	1.0	77.5	0	987.44	3302
25- Tom Copp	8	1.8	77.5	0	985.65	3296
33- Keith Kindrick	9	1.3	67.5	0	974.88	3260
38- Edgar Vera	10	4.8	72.5	0	972.49	3252
40- Mark Taylor	11	2.0	62.5	0	967.11	3234
20- Casey Adamczyk	12	3.3	52.5	0	952.15	3184
13- John Brown	13	3.0	45.0	0	943.78	3156
12- Keith Finkenbiner	14	2.8	42.5	0	941.39	3148
24- Mike Reagan	15	2.3	30.0	0	927.63	3102
35- Jim Larsons	16	10.0	37.5	0	678.83	2270

INTERMEDIATE

Name	Ranking	Av Sec off	Av Land	LND ThOUT	Normalized	RAWTTL
29- Mike Morjoseph	1	3.3	65.0	0	1000.00	3234
10- Jared Stalls	2	2.3	52.5	0	987.01	3192
23- Keith Millett	3	1.3	40.0	0	974.03	3150
18- Lex Mierop	4	1.5	37.5	0	970.32	3138
34- Gary Filice	5	11.3	47.5	0	958.57	3100
27- Michael Stern	6	7.8	37.5	0	954.85	3088
04- Peter Leduc	7	10.3	35.0	0	419.91	1358

SPORTSMAN

Name	Ranking	Av Sec off	Av Land	LND ThOUT	Normalized	RAWTTL
37- Tony Brooks	1	2.3	52.5	0	1000.00	3192
15- George Gomez	2	5.3	30.0	0	964.29	3078
36- Steve Sallenbach	3	9.3	55.0	0	954.26	3046
05- Chico Romero	4	3.8	0.0	0	930.45	2970
21- Steve Underwood	5	6.5	40.0	0	879.70	2808
22- Jerry Millett	6	7.8	20.0	0	726.19	2318
11- Phil Lutz	7	17.3	0.0	0	113.41	362

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Field Marshal	George Azvedo	(714) 832-7819	No E-mail address

See our web site at www.1hss.org for news, the color issue of Plane Rap, activities, pictures, and more. Now over 118,000 visitors.

NEXT MEETING AT IRVINE WATER DISTRICT, TUESDAY, 5 OCTOBER, 2004

The 2005 elections for HSS Club officers is coming up soon. If you want to serve, please contact any club officer and get your name on the upcoming ballot

Harbor Soaring Society
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