

Plane RAP

AMA Charter #128
The Western Soaring Capital
<http://www.1hss.org>



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

OCTOBER 2003

VOLUME #40

October Presidents Message:

Well one more time, I get to play with my dam computer and see if it can every thing correct or not. Everything looking good out at the flying field, still trying to get the city ok on mowing and getting the mounds move over, so we will have a much safer flying site, with out the low flying over the walkway.

On August 30th I went to Torrey Pines Gliderport in La Jolla, California for the recognized by the Academy of Model Aeronautic as a Model Aviation Historical Landmark, I think it was really cool. I wish I had a video camera to tape it to show at the club meeting.

This site is the first to receive such distinction in the United States.

I also went to Dymond Modelsport at 3904 Convoy St San Diego, CA 92111, phone# 920-303- 1100. I'm going to go back to Dymonds, the time I'm in the area. I think it's a must see.

If you like flying at Fairview Park, help keep it clean and safely, know one likes a litterbug in a wildlife park. We are not loved by everyone that uses the park!

Have a nice day and stop by El Chinaco for some good Mexican food at 560 W, 19th St. #D Costa Mesa.

See you there,
Your big "P".
Karl Hawley



OCTOBER MEETING NOTICE

The next club meeting will be on October 7, at the MacGregor Yacht's sailboat factory. It is located at 1631 Placentia, Costa Mesa. It has a 65' sailboat on the roof, so you can't miss it. (Day phone 949 642 6830). The time: 7:00 pm.

After the meeting, there will be a tour of the plant, and we'll show you the production line for building MacGregor's brand new fiberglass 26 foot sailboat. (This is similar to sailplane technology, but the parts are a lot bigger.)

Larry Jolly will give a talk on the RC surveillance drone on which he has been working. This thing is amazing.

Larry Tuohino will trailer in his full sized PIK-20D78 sailplane and assemble it for the meeting. This plane won the world soaring contest in 1976, held in Finland. Be sure to attend this really great meeting.

Dennis Brandt will bring a 40% scale sailplane. Larry Tuohino will bring his scale Reiher, and other scale guys will hopefully bring some current models. If all goes as planned, we will bury you with a big batch of really interesting stuff.

Jim Parsons will have some molds and parts for the new high performance unlimited class sailplane that is getting close to completion.

There will be a demonstration of computer aided yacht (or sailplane) design. We will also demonstrate the computer controlled cutting equipment that will automatically shape a highly accurate 6' long sailplane fuselage.

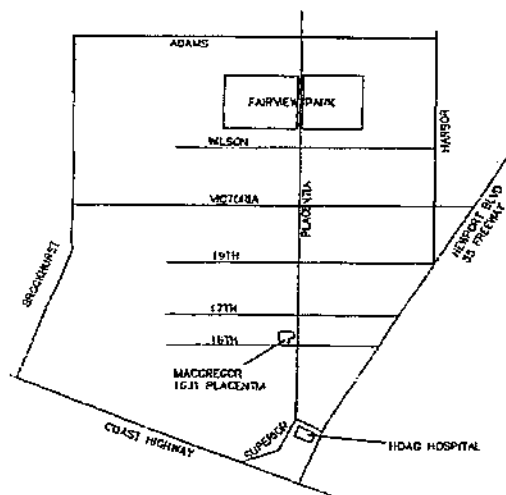
Everyone is encouraged to bring an interesting plane, or in-process pieces of any hot new projects that you may be working on.

If you are trying to sell some sailplane stuff, bring it along. After the meeting, you might be able to conduct some business.

There will be a break truck with some good food.

We have some subjects regarding the park that you will find interesting.

This is going to be a lively and interesting meeting. Don't miss it.



Harbor Soaring Society Meeting Minutes

September 2003

There was little new business to discuss. Some older topics were mentioned again.

SC2 is on October 26, 2003. Please volunteer to help so the event goes well. Let's look sharp as we host this regional event.

Fred Hesse states that archives indicate that the Harbor Soaring Society was started in 1964. That means we are coming up on 40 years. Any ideas for a celebration?

A club member mentioned wanting to organize and hold a large electric event. Any helpers out there? How about thoughts, etc?

The next meeting is at Roger McGregor's on Placentia in Costa Mesa. Should be loads of fun. Be there.

Dennis Brandt supplied the evening's entertainment. He brought a 40% Grunau II b. It is a Polish/Austrian glider. The full-scale model was constructed circa 1934-35. It has an open cockpit (later models had enclosed cockpits). Tom Augustine of Costa Mesa constructed this model. The model has a wing span of around six meters and is quite beautiful. You should have been there to see it.

Just a reminder, we are nearing the end of the year. This means that elections will be taking place soon. Think about how you would like to serve your club. With two-year term limits, a number of positions will be open. The offices of President, VP, and secretary will be open. Let Karl or another board member know that you are interested in running.

Additional Notes

Orange County Mid-Summer Electric Fun Fly

Walt Cloer has suggested that we put on an event similar to the San Diego Mid-winter Electric show. He envisions an all electric Fun Fly of 1 to 2 days during the summer or possibly October. If you have ideas and/or want to help, contact Walt at (714) 865-6411. This might be a good time to incorporate a limited motor run event similar to what Jim Hanson conducted last May.

Club Shirts

Contact Karl Hawley if you would be interested in getting a club shirt. Polo shirts will be about \$38, and T-shirts will be less (about \$12 to \$14). The proposal is for an embroidered logo on the front and a three-color silk screen on the back of the shirt.

Plane Rap on our Web Site

We expect to continue the policy of posting each issue of Plane Rap on our web site. Take a look (www.lhss.org) because all these pictures will be in color!

Get your picture in the next issue of the Plane RAP!!

Bring your plane and dissucess at a club meeting (like Dennis did) and get your picture (or just your plane's if you are shy) in a future issuee.



The photo of Dennis Brandt is courtesy of Jeff Gortatowsky who is a new member with a fondness for photography to go along with his enthusiasm for radio controlled aircraft. Jeff has a wonderful gallery of recent photos taken at Fairview Park that can be seen at www.fototime.com/inv/8AFF25F7B8DDE37. Lots of people and planes, and lots of action. These are high resolution digital pictures that can be down loaded for free.

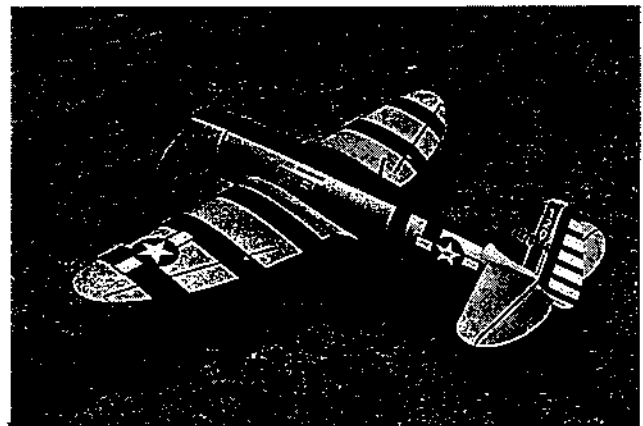
Giant Scale Gliders at El Toro

Dennis Brandt says that they usually fly these giant scale gliders after about 2 PM at El Toro. The planes are often towed aloft with a 15 HP radio controlled model referred to as a "tug".



Dan Redfern and his new P-47 (left)

Dan's 67" wing span electric powered P-47 (right)



Dan Redfern of Model Machining Service, who produces the Inner Driven Gear Drives recently brought his new Modeltech P-47 to Fairview Park. This plane is a work of art, assembled by Russ Greaves who works for Hobby People. This plane is BIG, with a 67 inch wing span and is intended for .60 cu. in. engines. Dan uses one of his Mini Demon gear drives with a Mega 22/30/2 motor geared to 4:1. He uses 16 Gold Peak 3300 cells which provide about 50 amps at full throttle with a 16" x 10" prop. Of course it cruises at significantly less current. The plane has factory retracts and weighs in at about 8.7 lbs. Dan says the plane is very nice to fly. It has no bad habits and is a delightful slow floater during landings. Who says electric's can't be large? And, this is done with only a medium sized motor and a pretty small gear box. Looks like those Inner Demon reduction drives really do the job. Dan can be reached at (949) 631-2982, and his products can be seen at www.innerdemon.com. Anyone needing a great job in model assembly should contact Russ Greaves. The great picture(s) were taken by Rob Askegaard who enjoys taking model photos and has albums of shots from Fairview Park. Rob can be contacted at (714) 968-1973.

Coming Events

- Sat-Sun. October 3-4 CVRC's Annual Fall Soaring Festival 2003, Visalia California. See contest announcement on page 9.
- Tues. October 7 HSS Monthly Meeting, 7:30 PM, Roger MacGregor's factory. Map on page 2. Afterwards, tour Roger's factory.
- Sun. October 12 HSS Monthly thermal duration competition, Fairview Park
- Sun. October 26 SCSC competition hosted by HSS, Fairview Park. Your help is needed. Call Tom Copp.
- Sun. November 2 HSS Monthly thermal duration competition, Fairview Park. This is the last contest of the year. A contest director is needed.
- Tues. November 4 HSS Monthly Meeting, 7:30 PM, Irvine Water District offices.
- Sun. December 9 HSS Annual Awards Banquet. No competition for this month.
-

Plane Rap Archives

Thanks to Will Conrad (HSS president, newsletter publisher and ???) we have nearly 20 years of Plane Rap, under the librarianship of present and future Plane Rap editors. Will has donated his extensive collection which is now archived in ten binders. For a club that has 39 years of history, we are at least off to a good start. But, we need your help. The following lists what is still missing, and if any one has any part of these old Plane Rap newsletters, we would love to add them to our archives (or at least a copy of what you have).

- 1964 through 1983: All issues missing.
- 1984: Jan through Sept and Nov missing.
- 1985: June missing.
- 1986: May missing.
- 1987: Feb missing.
- 1994: Nov missing.
- 1995: Aug missing.
- 1996: Feb, June missing
- 1997: Feb through Nov missing.
- 1999: Dec missing.
- 2000: Jan, Feb, May, July, Sept, Dec missing.
- 2001: Jan, Feb, June, July, Aug, Nov missing.

These archives are open to all members. Copies can be made upon request, or issues may be checked out for temporary use. If you have any of the missing issues, contact Fred Hesse (714) 963-5838 or fhesse@socal.rr.com.

ADOPT-A-SCHOOL STATUS REPORT

For Month of August 2003 (Submitted 2 Sept 2003)

Radio controlled model aircraft flight training classes began 11 August 2003 at the Boys and Girls Club of Huntington Valley. The class started with a large enrollment which has finally reduced to a manageable size after 5 classes. We began with 4 one hour ground school classes on Mondays and Thursdays. The actual flying classes which are conducted at the soccer field adjacent to the club are generally 2 hours. As of Labor Day, classes will only be on Thursdays (during school). A total of 10 students have received their AMA Licenses, and three have had multiple flights on gliders and electric powered trainers. Most fortunately, Allen Long has agreed to be an assistant flight instructor. He has training experience and works quite well with the children. While not presently an HSS member, his help has been exceptional. Also note, a second series of classes at the club is under consideration, but they have a lot less activity during autumn through spring.

Joseph Romero, an instructor at Heninger Elementary School, is continuing to develop our program at his school. While classes have not yet been scheduled, he has obtained a donated computer and has personally purchased the RealFlight simulator for his school.

Our Adopt-A-School program with Fountain Valley School District for their Teen Activities Program (TAP) under the supervision of Jennifer De Sousa will not be starting until late September or early October.

Carl Marony of the AMA legal staff promises completion of their review of our revised Club and Instructor Release Agreement by the end of August.

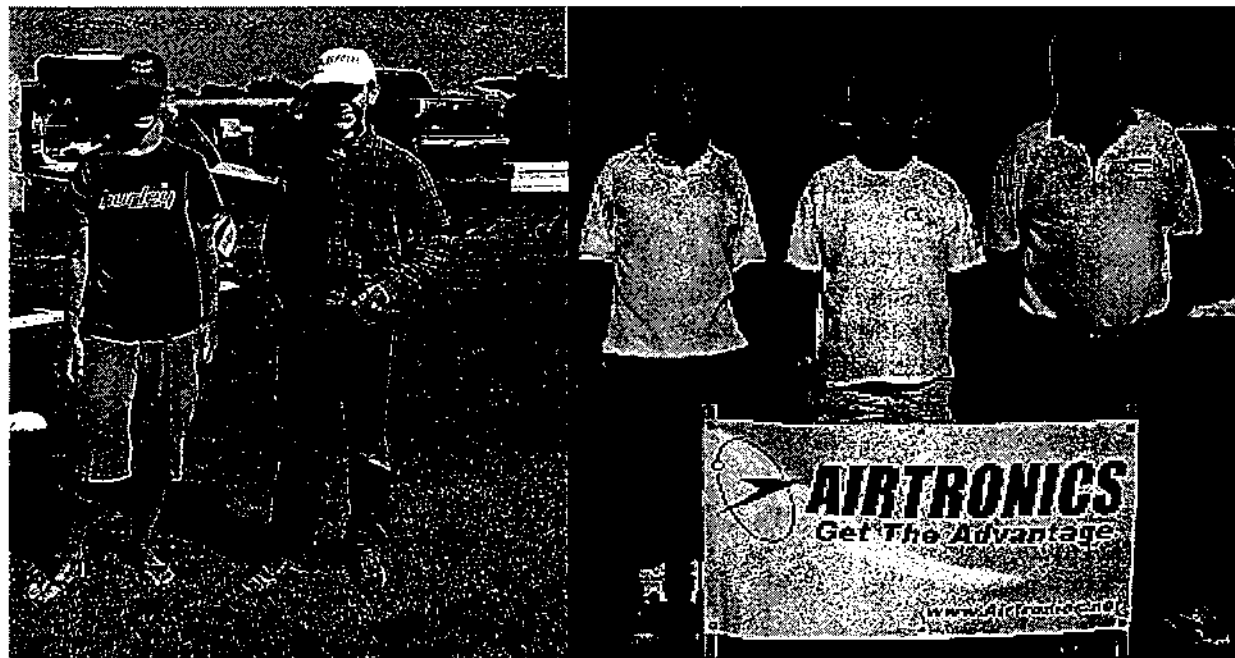
The Ground School phase of instruction which was described in a one page document titled Ground School Plan, has now been expanded into four detailed lessons with illustrations. Each represents about 1 hour of instruction.

Again, many thanks to Hobby People for their gracious donation of two Cirrus 2 meter gliders for our program. Assembly has begun, and the design improvements recommended by Ross Thomas are being incorporated.

Fred Hesse has donated his time and effort to get the Harbor Soaring Society to endorse the AMA ADOPT-A-SCHOOL program implemented in our area. Contact Fred Hesse to see how you can help in this worth while endeavor. Fred can be reached at Fred (714) 963-5838 or via E-mail at fhesse@socal.rr.com



Southern California represented at the Rocky Mountain Soaring Association



Junior F3J

Casey Adamczyk with Paul Griebenow

Open Class Team

Thomas Kiesling, Joe Wurts, and Larry Jolly.

F3J TEAM SELECTION COMPETITION

The Rocky Mountain Soaring Association of Colorado conducted the United States F3J team selection on the weekend of 30 Aug through 1 Sept 2003. Southern California provided two teams made up of:

<u>Team 4</u>		<u>Team 13</u>	
Ben Clerx	HSS	Craig Greening	
Mark Taylor		Chris Jolly	HSS
Casey Adamczyk	HSS	Mark Browning	HSS
Joe Rodriguez		Larry Jolly	
Tom Copp	HSS		

Congratulations go especially to Casey Adamczyk who made the Junior Team. This team includes Paul Griebenow (First with 7963 points), Joseph Newcomb (Second with 7830 points), and Casey Adamczyk (Third with 7652 points).

Congratulations also go to the Open Team members which include Joe Wurts, Thomas Kiesling, and Larry Jolly.

These two teams will represent the United States at the F3J World Championships held August 2004 in Calgary Canada.

HSS Contest Report

Date: Sept 7

Task: 3,5,5,5,8,8

900 flight & 100 landing points max each round. 6000 points possible.

We used 2 winches w/o retrievers because of the weeds. This was a lot of rounds compared to the usual contest but Visalia is a short time away so the extra landings were a help. The conditions were a little tough and the ground was hard making for more than a few UGLY landings. Everyone survived and hopefully learned something new.

1 st Ben Clerx	5797	6 th Tom Watson	5147
2 nd Tom Copp	5649	7 th Tim Cone	5130
3 rd Mark Browning	5569	8 th Jim Sneed	4637
4 th Mark Taylor	5469	9 th Jared Stalls	4626
5 th Tak Takayama	5189	10 th John Krug	3391
		Ross Thomas, Karl Hawley	DNF

Date: August 3

Task: 40 minute unlimited attempts.

1 PPS, Landing points were divided by # of attempts. 2500 points possible.

Yes. 40 minutes and unlimited attempts. The trick is that your landings were only worth 100 points max no matter how many attempts you had. (I took the landing scores, added them up then divided by the number of flights) Some pilots did the whole 40 in one flight some took a bunch more. We were short on man power so some pilots started their own watch but I required a timer to count them down, it worked well with most everyone in the air at the same time. Nice relaxing day with loooong flights.

1 st Mark Taylor	2475	7 th Joe Rodriguez	2440
2 nd Chris Jolly	2472	8 th Mark Browning	2428.5
3 rd Jim Sneed	2464	9 th Ross Thomas	2426.5
4 th Tom Copp	2453	10 th Casy Adamczyk	2420
5 th Larry Jolly	2448	11 th John Krug	2189
6 th Karl Hawley	2442	12 th Mark Ferrera	2140.6
		Jim Parsons	DNF



VISALIA
30th ANNUAL CVRC
FALL SOARING FESTIVAL 2003
OCTOBER 4th and 5th

LOCATION; New CVRC Field, at Russell Pond on Ave 320, ½ mile E. of PLAZA DRIVE
Visalia Calif. (North 1.5 miles from our old field)

CLASSES; OPEN; 2 METER; R-E-S BENT WING;

Youth AMA Junior & AMA Senior Combined Class's (18 years old and under).

ADDITIONAL TROPHIES; GRAY CUP Highest score in any class for 62 & OVER.

4 TEAM TROPHIES To the CLUB with the HIGHEST Final SCORE

You must declare club affiliation on your entry form when submitted.

LIMITED; Max 325 ENTRIES, POSTMARKED NO EARLIER THAN AUG 1st.

No entry will be excepted before Aug 1st.

LANDINGS TASK; The details of the new landing and scoring, will be explained at pilots meeting.

DURATION TASK; SATURDAY 3;5;8;6 SUNDAY 3;7;4 MINUTES

AWARDS; OPEN 1ST-10TH; 2 METER 1st-3rd; R-E-S 1st-3rd;

Youth JUNIOR/SENIOR 1st -3rd

Trophy (Gray Cup) for the highest SCORE for age group 62 and older .

PILOTS MEETING; 7:30 AM SATURDAY and SUNDAY

SATURDAY Afternoon; Hand Toss & Night Pylon Racing WILL BE ANNOUNCED AT THE FIELD.

BBQ; SATURDAY Late afternoon aprox. 5pm \$12 advance \$14 on the field.

T-SHIRTS S, M, L, XL, 2XL, 3XL W/POCKETS

RAFFLE; ONE OF THE BEST AROUND! !!

FREE RV PARKING is available. First Come First Served, park north to south only, no hook ups, no dumping on site!!!!

For more information and application conact:

Fred Hover CD (559) 733-9099 7 AM TO 9 PM PST

CVRC FALL FESTIVAL E-MAIL: fallfestcd@cvrcsoaring.com

1228 W. Seeger Ave.

VISALIA CALIF. 93277



HSS SC² Contest

Sunday October 29 2003

Sign Ups close at 9:00 am sharp.
First Flight group launches at 9:30 am. (weather permitting).
4 rounds of Man on Man F3X style 10 minute duration.
7~9 pilots per round.
900 flight & 100 landing points possible.
Normalized rounds.
Tape landing.
Fly-offs for trophy positions only.
2 pilots per frequency per class maximum.
Rounds flown by class. Experts vs. experts. 3F vs. 3F etc.
SC2 rule section 3. C, 7.2c paragraph 2. NOT IN EFFECT. No pop off's!
Awards to top 5 in Expert, Top 3 in Sportsman & 3F.
12v winches. Same line and length on all.
Landing surface = Dead grass.
Contest can run to 2:00 pm.

Restrooms in the park next to the flying site.
Bring water & snacks.

President Karl Hawley 949-574-9379
CD Tom Copp 949-645-7032
Pre-register with your info & 3 frequencies to Tom@f3x.com. 949-645-7032

SCSC Competition

The Southern California Soaring Clubs (SCSC) competition will be held on Sunday the 26th of October. This is one of the major contests within the Southern California area and is hosted by Harbor Soaring Society. We need to ensure this competition is conducted well as it is a reflection on HSS. Tom Copp is the contest director, and he will need lots of assistance. Help is needed with check-in, field clean-up, frequency control and transmitter impound, score keeping, launch group planning, and timers. The best of our pilots will be busy representing our club, so this is a great opportunity for us non-competitors to help out and at the same time learn what is involved with putting on this event. Check with Tom Copp as to what is needed at (949) 645-7032 or E-mail Tom@f3x.com.



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NEW

Top Performance. Sportsman Aviation has made it for you in this unique and beautiful 3D size aerobatic ARF. Ultra lightweight, beautiful looks, beautiful finish, and just wait until you get it in the air! Awesome flight performance makes the Paramount exhilarating and satisfying to fly. Set it up with low rates for an all around fun plane. Increase the rates and fly full 3D maneuvers!

PARAMOUNT

SPECS:
Wingspan: 54 in.
Wing Area: 793 sq. in.
Length: 57 in.
Weight: 5.75 - 6.5 lbs
Wing Loading: 16-19 oz/in²

Engine: XL-61 or XL-91RFS 4-c
Radio: 4 ch. w/5 servos
Functions: A/E/R/T

No. 127560
List: \$249.95
ONLY 209.99

NEW

Do it all with the profite fun fly Hot Knife 40 from Sportsman Aviation. All the maneuvers you want to do in a plane that is light, well built, and affordable.

HOT KNIFE

Engine: XLS-40 or XLS-52, XL-61RFS 4-c
Radio: 4 ch. w/5 servos
Functions: A/E/R/T

No. 127595
List: \$129.95
ONLY 99.99

SPECS:
Wingspan: 45.75 in.
Wing Area: 675 sq. in.
Length: 46 in.
Weight: 3.75 - 4.00 lbs
Wing Loading: 12.8-13.7 oz/in²

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