

Plane RAP

IN THIS ISSUE

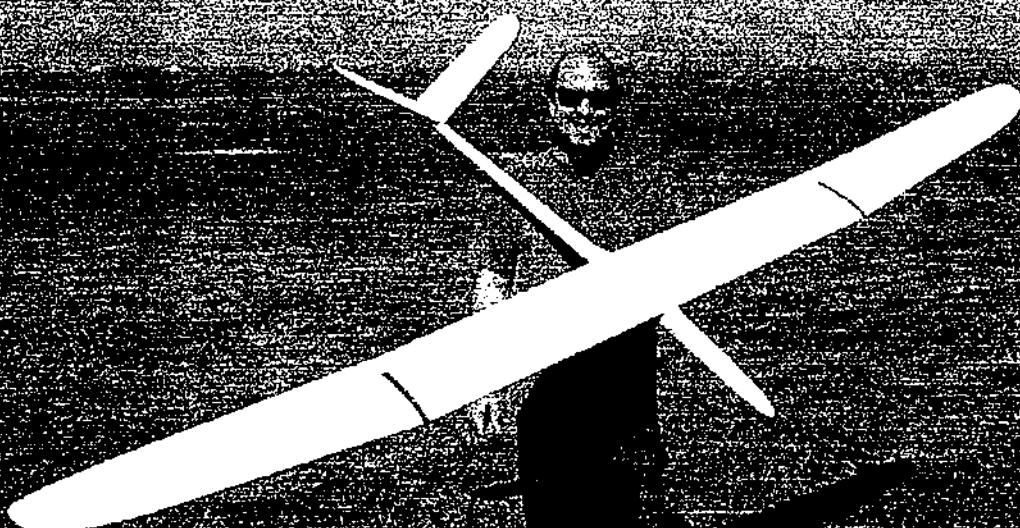
- What's A SC2?
- The Views
- Servo Listings
- Contest Results
- Wing Tidbits

Harbor Soaring Society

AMA Charter #128

The Western Soaring Capital

"The Hera"



Tom Copp

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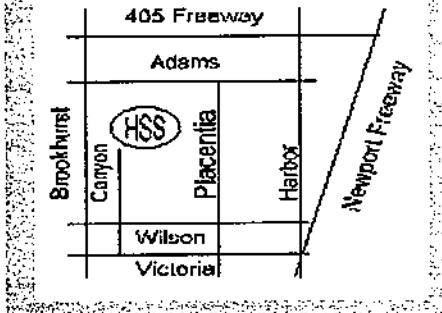
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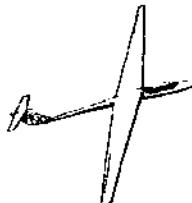


Cover - Tom Copp grabs his new molded ship named "The Hera". The Hera is designed around the 7035 wing platform and moves out when necessary. It's reasonable price makes this a good choice for Open Class competition.



The Kenyon Chronicles

A Message from the Pres. -



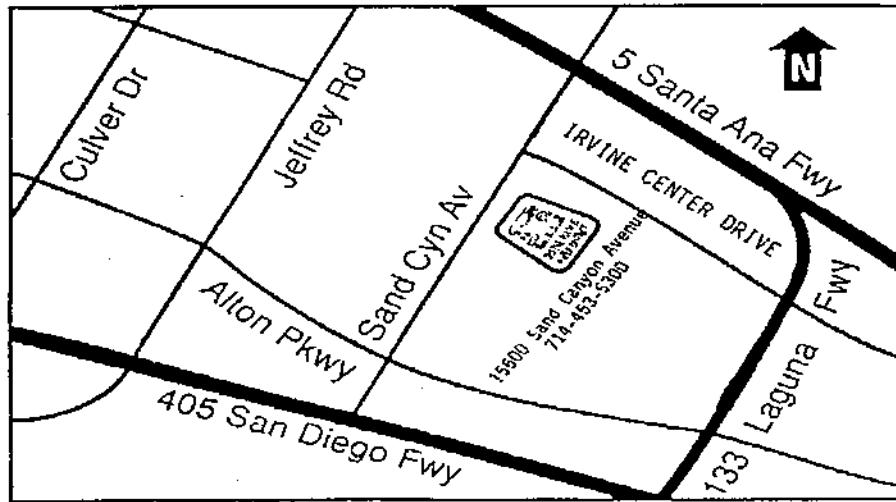
Les Kenyon

Contest Season Is About Here!

Constitutional By – Law Changes:

For the past few months, the Board of Directors, have been reviewing our By- Laws with the intent of updating them to reflect the way our club does business. With this in mind we have made some clarifications where needed and dropped some items that weren't. The revised Constitution and by – laws will be available at the field for the month of April - please take a look. These changes are highlighted in **bold print**. We are all in this club together so take a few moments and review. I need your participation to make this club the best it can be. We need 50% of all paid members to vote on these changes – so we

Notice: Meeting Tuesday 4-6-99 at the Irvine Water District Office



Note: The Irvine Ranch Water District neither supports or endorses the cause or activities of Organizations which use the District's meeting rooms that are made available as a public service.

The Kenyon Chronicles Continued

(Continued from page 2)

will have ballots and a ballot box at the field for those members who don't make the April meeting.

Now, continuing with more important business -
It is my sad duty to report to you that HSS-1, also known as the Presidents plane - has bit the dust. After many months of flying my 126 full house PolyBlaster, the decision was made to fly HSS-1. After 4 great test flights, I gave the Presidential order to launch again to presidential test pilot, Chris Kenyon. First Officer Kenyon stepped hard on the winch pedal and sent HSS-1 upward. Immediately after launching to a height of about 20ft, the violent death spiral began. Unfortunately First Officer Kenyon had no control as the Presidential plane plunged nose first into the ground splattering only feet from it's builder and designer, Rick Briggs. As President, I assume all the blame for forcing First Officer Kenyon to pilot HSS-1 instead of skating around on his board. What was I thinking??

Latest New Flash!

Chief HSS builder Rick Briggs and First Officer Kenyon have reviewed the Presidential tapes from the Secret Service and have agreed that HSS-1 acted as if it had been shot down. As of this writing, I have ordered the HSS crash investigation team , headed by Vice-President Karl Hawley to personally look into this serious matter. I can only report that several Torrey Pine Gull team members were present during this incident. Once forensic testing has been completed and if evidence points to Team Torrey Pines for their involvement of the crash of HSS-1, I will personally order air strikes. I will asked each and every one of you to battle the evil empire from Torrey Pines at every contest this year. Now get out there and make me proud. Team HSS must prevail! In the mean while, Vice-President Karl assures me that plans are underway to salvage HSS-1, otherwise we will be holding an early plane auction.

Men, may the force be with us during this tough period. Till next month - Good flying

Les

Mar. 1999 Minutes

President Les Kenyon opened the meeting at 7:30pm 3/2/99

Vice-Presidents report - Blah, Blah, Blah, Blah, Blah

Treasurer's report - Still Solvent

CD's report - Still having contests this year

President Les Kenyon closes the meeting at around 8 pm.

Vice-President Karl Hawley introduces Joe Ballasch from Leisure Electronics.

Tom Copp Launches The Hera



Tom Copp Launches The Hera

Do You HAVE ANY SPARE QUARTERS FOR



My RIDING MACHINE?

March Contest



Dick Pantzer Gets Ready To Launch

Contest - Sun. Mar 7, 1999

The talk of the day was wind. Sustained winds of 25 to 35 MPH made flying a "pain in the face". The dirt field at HSS provided plenty of sand and pebbles to duck from. Finally after 3 rounds CD - Nick Buzolich called the contest. All agreed that enough was enough and the fourth round would just be dropped. The final results are shown below:

OPEN

Larry Jolly 1000 1st Masters

Steve Hendry 998

Joe Rodriguez 998

Tom Vincent 998 1st Expert

Tom Copp 997 2nd Expert

Mark Taylor 995 3rd Expert

Karl Hawley 991 1st Advanced

Roger Saville 927

Roger MacGregor 774

Ross Thomas 663

Mike Marjoseph 543

CLASSIC

Mike Marjoseph 1000 1st

Ross Thomas 816 2nd

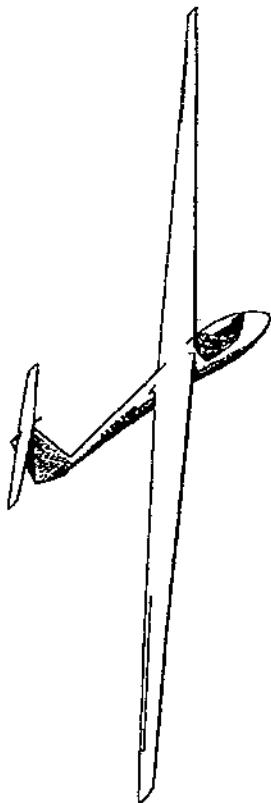
Larry Jolly 712 3rd

Roger MacGregor 457

Dick Pantzer 442

Gordon Paulsen 326

Will Conrad 322



Classified Ads

For Sale - 118 inch Mako with Sage 7037 wings. Great shape with 6 metal geared servos, carbon and steel wing rods. \$525 talk to Tom Vincent or email him at: tvtom@access1.net

Cyber Central

Do you want some more information about the Hera featured on the front cover of this issue? Then check out their website at:

<http://www2.jonction.net/~icare/hera.htm>

The site provides specifications, prices, and other plane offerings. You can also talk to Tom Copp.

Another interesting site is from Critter Bits. Lots of links to other RC interests:

<http://www.multiplexrc.com/airlinks.htm>

SC2 Contest Results can be found at:

http://home.earthlink.net/~john_brown/index.htm

GET YOUR FEET OFF THE GROUND AT THE OSCA BBQ/OPEN HOUSE SATURDAY APRIL 17TH.

Interested in trying full-size gliders? Orange County Soaring Association, located at Hemet-Ryan Airport, is having an Open house on April 17th beginning at 10AM. For those interested in learning to fly, glider rides will be offered on a first come first server basis for the cost of a tow or \$35. Food and drink will also be provided at a nominal cost (rumor has it that Tri-tip sandwiches might be cookin') Bring along a lawn chair and hang out at the field on a Spring day with the OSCA gang. For more information email Lars at : LarSwan@AOL.com



Nick's Views

Nick Buzolich

I don't have much to talk about this month but I'm wondering if everyone is feeling like I am about how busy May is for an HSS contest? I want to talk about this at April's monthly meeting. Since we haven't had any rain dates this year, I believe we could afford to throw out this contest. Doing so would probably benefit the majority of the membership by allowing them to participate in other events. What do you think? Come to this month's meeting and let's figure this out.

Take a look at this:

May 1 and 2nd - Rose Bowl Contest
 May 2nd - scheduled date for HSS contest
 May 9th - Mothers Day
 May 15 and 16th - Bent Wing Contest @ Visalia
 May 23rd - SC2
 May 30th - Memorial weekend.

The best of lift, *Nick*



Winch Corner

Dick Pantzar

This month I wanted to talk about winch safety. We had an incident at the March contest that could have turned out real ugly. If not for the acrobatics of this individual, a serious wound would have occurred because of the retriever line. I can't state this enough that "it is the winch operators responsibility to see if the coast is clear prior to launching and to be sure that the retriever line doesn't wrap around anything when retrieving". The winch line will cut anything it touches especially human flesh. Please, when you sit down to operate the winch, look once, look twice, and look three times to be sure that nothing is in the way. We don't want anyone getting hurt out there.

Until next month, I hope my winches get you off.



KARL THE VICE-PRESIDENT

Karl V. Hawley

I went to San Diego Friday Feb 12 and 13th for an Electric Flyers event. Their field is near Mission Bay which is close to Sea World. What fun but the highlight of this trip was walking around the electric flight symposium at the Aerospace museum in Balboa Park. We were given a special tour on Friday and Saturday evening that gained us access to the basement where they were restoring a Ford Tri-motor. Do you know what I noticed? That Tri-motor didn't have restroom holding tanks. Just a big hole in the floor that I'm sure was big enough to allow you to see the roof tops below. I wonder how many folks on the ground ran for cover when they saw these planes fly over? Anyway, if you want to see flying history, get to the Aerospace Museum in Balboa park. Oh yea, before I forget, another advantage to go to San Diego is the food! I actually stopped my "seefood" diet to eat nothing else but Mexican, YUMMMY!

I wanted to personally thank Joe Ballasch from Leisure Electronics for his talk about flying electrics at the March meeting. We certainly learned a few things.

Upcoming events include a discussion from Dave Sanders about his latest foamie creations for the slope at the April meeting. Also, don't forget about the Pasadena two contest at the Rose Bowl on May 1st and 2nd. This is the second contest of the Triad. The first one took place back in February in Arizona and everything concludes in Visalia in October. There is an ISSA fun fly in Apple Valley on April 24th and lets not forget about the two day bent wing contest on May 15th and 16th sponsored by Central Valley R/C soaring club. For additional details about this contest, either talk to me or call Jerry Fox at (559) 733-8091.

And that's it!

Karl

MANUFACTURER	PIN	DESCRIPTION	TORQUE	WEIGHT	SIZE	SPEED	BALL	MOTOR	METAL GEAR	RETAIL	TORQUE/lb-in.
			(oz.in)	lbs.l	W x L x H (in.)	sec/60	BEARINGS				
MULTIPLEX	6 5157	Super FL BB	34	0.85	1.61x1.67x0.43	0.18			No	63.30	40.0
MULTIPLEX	6 5178	Micro Inc/V2	48	0.85	0.59x1.30x1.26	0.18	Dual	5-Pole Ferrite	Yes	104.50	56.5
MULTIPLEX	6 5173	Royal Inc/V2	71	1.60	0.83x1.57x1.61	0.13	Dual	5-Pole Ferrite	No	85.50	44.4
MULTIPLEX	6 5161	Royal	42	1.62	0.83x1.57x1.61	0.14				57.00	25.9
MULTIPLEX	6 5170	Europa BB	48	1.69	0.9x1.6x1.8	0.18				43.80	23.4
MULTIPLEX	6 5138	Profi Speed (mc/V2)	57	1.70	0.75x1.42x1.54	0.10	Dual	5-Pole Ferrite	Yes	104.50	33.5
MULTIPLEX	6 5174	Proli Inc/V2	68	1.70	0.75x1.42x1.54	0.15	Dual	5-Pole Ferrite	Yes	104.50	40.0
MULTIPLEX	6 5176	Power (mc/V2)	106	2.90	0.91x1.85x1.85	0.22	Dual	5-Pole Ferrite		142.50	36.6
MULTIPLEX	6 5177	Jumbo (mc/V2)	241	5.70	1.18x2.36x2.36	0.23	Dual	5-Pole Ferrite		167.80	42.3
TOWER	TS-15	Super Micro	15.4	0.49	0.5x1.0x0.9	0.20	Oilite			24.99	31.4
TOWER	TS-10	Micro	30	0.61	0.51x1.10x1.10	0.22			No	27.99	49.2
TOWER	TS-31	Mini w/Bushing	20	0.93	0.6x1.3x1.2	0.22	Bushing	3-Pole Ferrite	No	22.99	21.5
TOWER	TS-35	Power Mini	55	0.95	0.67x1.26x1.22	0.14	Single		No	22.99	57.9
TOWER	TS-63	Retract	92	1.23	0.9x1.7x1.0	0.50	Oilite	3-Pole Ferrite	No	37.99	74.8
TOWER	TS-59	La Profie Aileron	61.8	1.24	0.81x1.73x0.98	0.18	Single		Output	27.99	49.7
TOWER	TS-53	Standard	42	1.50	0.77x1.59x1.41	0.22			No	8.99	28.0
TOWER	TS-67	Ball Bearing	43	1.81	0.8x1.6x1.4	0.20	Dual	3-Pole Ferrite	No	19.99	26.7
TOWER	TS-69	Standard, BB	42	1.81	0.77x1.59x1.41	0.20	Single			14.99	26.1
TOWER	TS-65	Hi-Torque	77	1.73	0.8x1.6x1.5	0.16	Dual		No	29.99	44.5
TOWER	TS-71	Super Torque MG	110	2.17	0.79x1.61x1.57	0.23	Dual		Yes	34.99	50.7
TOWER	TS-75	1/4 Scale	110	3.60	1.14x2.32x1.97	0.19	Single		Output	34.99	30.6
VOLTZ	410	Kolibri	11	0.26	0.45x1.14x0.98	0.22	None		No	48.99	42.3
VOLTZ	400	Zip	20	0.39	0.46x1.11x1.04	0.18	Teflon		No	43.99	51.3
VOLTZ	420	Twins (2 Servos in 1 case)	13	0.50	0.90x1.14x0.98	0.22	None		No	93.99	22.0
VOLTZ	500	Micro-Star 3	28	0.67	0.51x1.12x1.12	0.26	Single		Yes	56.99	41.8
VOLTZ	505	Micro-Maxx	47	0.67	0.51x1.12x1.12	0.18	Single		Yes	68.99	70.1
VOLTZ	700	Wing-Star	25	0.67	0.39x1.04x1.50	0.22	Single		Yes	68.99	37.3
VOLTZ	705	Wing-Maxx	42	0.67	0.39x1.04x1.60	0.15	Single		Yes	81.99	62.7
VOLTZ	325	Mini-Standard 2	33	0.80	0.65x1.34x1.30	0.22	Teflon		No	34.99	41.3
VOLTZ	130	FS-Retract	100	1.02	0.86x1.76x0.98	0.50	Sinter (2)		Mixed		98.0
VOLTZ	300	Mini-Star 3	42	1.05	0.65x1.34x1.30	0.22	Single		Yes		39.6
VOLTZ	200	VS-202	48	1.70	0.80x1.61x1.77	0.26	Single		No		28.2
VOLTZ	600	Aku-Star	91	2.60	0.80x1.61x1.77	0.20	Dual		Yes		36.4
ZEBRA RC	788	Micro	15	0.52	0.52x1.00x1.00	0.20	Oilite		No	39.95	28.8
ZEBRA RC	788MG	Micro w/Metal Gears	21	0.67	0.52x1.00x1.00	0.20	Oilite		Yes	49.95	31.3
ZEBRA RC	688R	Mini	27	0.87	0.52x1.13x1.14	0.20	Oilite		No	29.95	40.3
ZEBRA RC	688MG	Mini w/Metal Gears	39	0.79	0.52x1.13x1.14	0.20	Oilite		Yes	39.95	49.4
ZEBRA RC	388	Lite	33	1.10	0.71x1.46x1.25	0.17	Oilite		No	24.95	30.0
ZEBRA RC	388MG	Lite w/Metal Gears	33	1.40	0.71x1.48x1.26	0.17	Oilite		Yes	34.95	23.6
ZEBRA RC	288	Pro	39	1.50	0.79x1.63x1.64	0.20	Oilite		No	14.95	26.0
ZEBRA RC	188	Pro Plus	48	1.80	0.79x1.57x1.37	0.23	Oilite		No	26.95	26.7
ZEBRA RC	288MG	Pro w/Metal Gears	39	1.90	0.79x1.63x1.64	0.28	Oilite		Yes	24.95	20.5
ZEBRA RC	188MG	Pro Plus w/Metal Gears	48	2.30	0.78x1.57x1.37	0.23	Oilite		No	26.95	20.8
ZEBRA RC	1188BFMS	Pro Reflex w/Metal Gears	138	2.40	0.79x1.61x1.57	0.20	Oilite		Yes	39.95	57.5

SORTED BY:

(1) Manufacturer

NOTES:

* = Available as replacement parts through dealer

(2) Weight

1 = Specification at 6.0 Volts (otherwise @ 4.8 V)

(3) Size

{ } = Specification at 7.2 Volts (otherwise @ 4.8 V)

(4) Torque

- Discontinued Servo

WING TIDBITS

This month's Wing TibBits is just a culmination of silly things that you might find useful. So here goes:

Splatter Proof Spray Paint [thanks to Ricky Briggs] -

Most of us eventually need to spray paint something whether it's for around the house or for decorating your newly finished plane. If your like me, you have noticed that splattering paint is directly proportional to the importance of the job. No matter how hard I try to cover it up I must admit that "I'm a Splatterer". So if you're still in the closet about this condition here's an easy tip to stop those annoying paint splatters.

Splattering usually occurs due to two things; a dirty nozzle and insufficient pressure in the can. So try this:

1. Locate a glass big enough to hold the spray can.
2. Fill the glass with 1 inch of water.
3. Place glass w/water into microwave and heat on high for 1 minute (please don't put spray can in microwave.)
4. Remove from microwave and place spray can in hot water (not boiling).
5. Wait for a minute or two until can warms up.
6. Shake and test spray. You will see a marked improvement in the spray pattern and consistency due to the hot water which raised the pressure in the can. This method works pretty good.

Clean Up Hints Using "Bounce" Fabric Sheets

- by Larry Enger

I'm sure most of you are aware of the product "Bounce", that square of silkspan like material that is thrown in the clothes dryer used as a fabric softener. When the clothes are dry, you throw the Bounce sheet away. Don't let this happen in your home, save them as a great hot monocote iron cleaner. I had heard or read of this months ago but never paid much attention until covering EPP foam airplanes. To properly cover an EPP foam airplane it is necessary to spray it with 3M-77 contact cement, put on the fiber tape strips and wraps, then spray again, and over compound curves, spray again. (Credit Dan Fink with this) You now have a gooey mess that will take at least a week to dry enough to handle but who waits that long. As you apply the mylar covering your iron will drag and stick on contact with the 3M-77 while everything else is sticking to your hands. Wiping the iron on the Bounce cleans it instantly and allows progress, making life a whole lot easier which makes for a much nicer looking airplane. If you do not have ready access to a supply of Bounce then contact those of us who have wives who have a wastebasket in the laundry room just for used Bounce and lint, lose the lint unless you need it for low spots in the foam. (Just kidding). It's also good to use to clean the iron when changing covering colors. Give it a try, you'll like it.

AVIATION 101

Thanks to Larry Enger

Takeoff's are optional. Landings are mandatory.

If you push the stick forward, the houses get bigger, if you pull the stick back they get smaller. (Unless you keep pulling the stick back --- then they get bigger again)

Flying is not dangerous; crashing is dangerous.

It's better to be down here wishing you were up there, than up there wishing you were down here.

The propeller is just a big fan in the front of the plane to keep the pilot cool. Want proof? Make it stop; then watch the pilot break out into a sweat.

Speed is life, altitude is life insurance. No one has ever collided with the sky.

It's best to keep the pointed end going forward as much as possible.

The only time you have too much fuel is when you're on fire.

Every one already knows the definition of a 'good' landing is one from which you can walk away. But very few know the definition of a 'great landing.' It's one after which you can use the airplane another time.

The probability of survival is equal to the angle of arrival.

Always remember you fly an airplane with your head, not your hands. Never let an airplane take you somewhere your brain didn't get to five minutes earlier.

You know you've landed with the wheels up when it takes full power to taxi.

Those who hoot with the owls by night should not fly with the eagles by day.

A helicopter is a collection of rotating parts going round and round and reciprocating parts going up and down - all of them trying to become random in motion. Helicopters can't really fly - they're just so ugly that the earth immediately repels them.

Young man, was that a landing or were we shot down?

Southern California Soaring Contest

It's well known that each soaring club hosts their own monthly contests but when the urge calls you to fly against the regions best, then it's time to fly SC2. SC2 means Southern California Soaring Contest. For those not familiar with this soaring circuit, SC2 contests allow the individual to fly against different competitors from other clubs with the same skill level. Instead of flying against the same folks all the time at the home club, SC2 provides you the opportunity to test your skills against different fliers.

There are seven clubs that will participate in SC2 this year. Each club hosts this event and invites the other clubs to come on over to fly. The fliers that participate are interested in honing their thermal duration skills to the next level of competition. Regardless of your ability, SC2 has a beginner class all the way up to Masters. So come on out next time and enjoy what SC2 has to offer. You will be amazed at what you can learn at these contests.

This years schedule is the following:

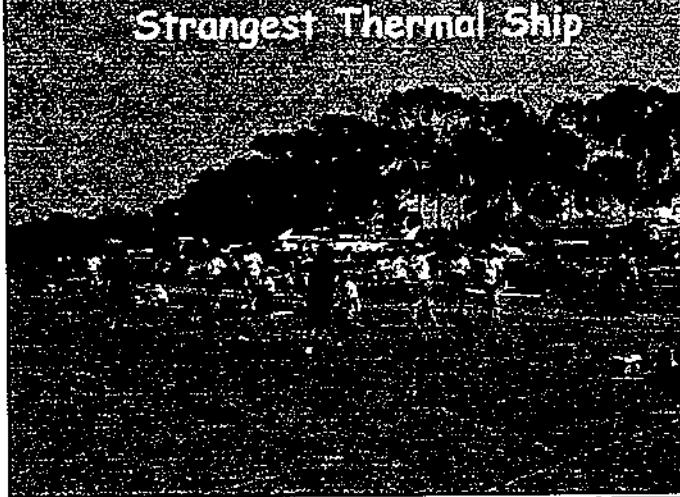
SULA	March 28
ISS	April 25
TPG	May 23
TOSS	June 27
HSS	August 29
SWSA	September 26
PSS	October 31

Your scores for SC2 will be tallied for the best 5 out of 7 contests. These are separate contests that do not affect your contest standings at HSS. After you fly at SC2 you can see your results at the following web page:

http://home.earthlink.net/~john_brown/index.htm

The 1999 SC2 contest year started on Sunday March 28 at SULA (Cal State Dominguez Hills) to a crowd of better than 60 pilots. There were four rounds equaling to a total of 24 minutes of flight time. The lift was outstanding with landing points making the difference to the winners. The crew at SULA should be complimented for a job well done. Next month, we're off to Riverside.....

Strangest Thermal Ship



SC2 Crowd Listens To CD Message

Nick Provides Randy Spencer w/ Nick's Award





EIGHTEENTH ANNUAL
ROSEBOWL SOARING FESTIVAL AND TRADE SHOW
MAY 1st AND 2nd - 1999
2ND EVENT OF THE WESTERN STATES SOARING TRIAD
SPONSORED BY THE PASADENA SOARING SOCIETY
THIS IS AN AMA AA SANCTIONED EVENT. ALL AMA RULES APPLY.

LOCATION: PASADENA'S BROOKSIDE PARK -- ROSEBOWL SOARING FIELD

CLASSES: UNLIMITED AND TWO-METER

TIME: PILOTS MEETING 8:30am EACH DAY -- FIRST FLIGHT 9:00am EACH DAY

SATURDAY - MAY 1st

ROUND 1 - 3 MINUTE PRECISION DURATION
ROUND 2 - 1ST FLIGHT OF ADD-EM-UP
ROUND 3 - 2ND FLIGHT OF ADD-EM-UP
ROUND 4 - 3RD FLIGHT OF ADD-EM-UP

SUNDAY - MAY 2nd

ROUND 5 - 5 MINUTE PRECISION DURATION
ROUND 6 - 4TH FLIGHT OF ADD-EM-UP
ROUND 7 - 8 MINUTE PRECISION DURATION

The add-em-up round will consist of four flights to make 26 minutes with no flight over 8 minutes.
On Sunday, pilots will have the option to fly Round 6 before Round 5.

TROPHIES: UNLIMITED - 1ST THRU 10TH PLACE. TWO-METER - 1ST THRU 5TH PLACE.
1ST PLACE UNLIMITED TEAM - TOP FOUR DUES PAYING MEMBERS OF ONE AMA CLUB
FIRST PLACE SENIOR - AGE 62 AND OVER

RAFFLE: FOLLOWING THE LAST ROUND ON SUNDAY.

TRADE SHOW: MANUFACTURERS WILL DISPLAY WHATS NEW IN THE HOBBY BOTH DAYS.

RV PARKING: FREE OVERNIGHT PARKING ON FRIDAY AND SATURDAY. NO HOOK UPS AVAILABLE.

INFORMATION:	CONTEST DIRECTOR RICHARD BURNS (626) 857-0024	TRADE SHOW KARLTON SPINDLE (818) 785-2401	SCORING AL ZIMMERMAN (818) 500-9019
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ENTRY FEE: \$32.00 FOR FIRST CLASS ENTRY. \$15.00 EXTRA TO FLY BOTH CLASSES.
ENTRY FEES ARE NONREFUNDABLE.

Submit your Entry early for best frequency availability. No entries will be accepted at the field.
Entry Forms will only be accepted on a first come, first served basis. Limited Participation.
List of local accommodations will be supplied with acceptance notification.

MAIL ENTRY TO: PASADENA SOARING SOCIETY
AL ZIMMERMAN
1328 BRANTA DRIVE
GLENDALE, CA 91208

ENTRY FORM: PLEASE MAKE CHECKS PAYABLE TO "PASADENA SOARING SOCIETY"

NAME: _____ AGE 62+ _____

STREET: _____ RV PARK _____

CITY, STATE, ZIP: _____

PHONE NUMBER: (_____) _____

AMA NUMBER: _____ TEAM DESIGNATION: _____

FREQUENCY CHOICES: UNLIMITED - 1ST _____ 2ND _____ 3RD _____

TWO-METER - 1ST _____ 2ND _____ 3RD _____

No T-Shirts this Year

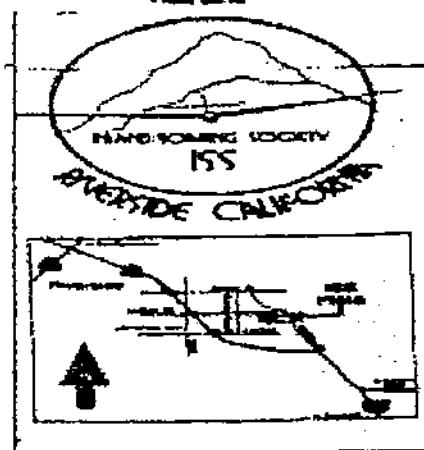
ENTRY FEE \$ _____

2-METER FEE \$ _____

TOTAL \$ _____

DIRECTIONS

From I.A. take 21 St. to RR L. and turn left go E. to
Wadsworth St. to Volcanic RR St.
Field on R.
From San Diego take 94 St. to 278 St.
at Wadsworth turn R. Go approx. 2m
Volcanic RR L.
Field on R.



Inland Soaring Society

SC2 April 25 1999

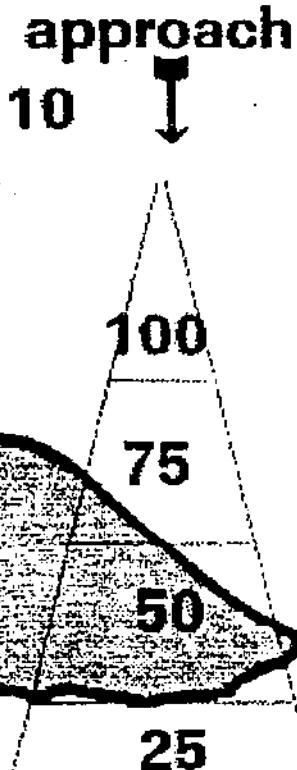
12 V winches
Big Wheel Retrievers
600 FT. Turnaround
Landing mowed weeds

Vince Botkin
CD/Pres.
(909) 928-0956

Entry \$8.00
Junior \$4.00

Restrooms
B.B.Q. Lunch
Drinks Avail.

Landing triangle is 10 ft. long
divided into 4 equal zones.
5 ft. wide at base, with 10 pt. zone
5ft. before & after triangle and sides



Look on Back

MANUFACTURERS' LINE
REPRESENTED BY JOE BALLASCH
LEISURE ELECTRONICS OF DOWNEY

AIRPLANES & ARFS

- * AVEOX
- * CERMARK

BATTERIES

- * SANYO - STANDARD
AND CUSTOM PACKS

CHARGERS

- * ASTRO FLIGHT
- * AVEOX
- * CERMARK
- * FMA DIRECT
- * HITEC

CONTROLLERS

- * LEISURE ELECTRONICS
- * ASTRO FLIGHT
- * CASTLE CREATIONS
- * CERMARK

GEAR BOXES

- * ASTRO FLIGHT
- * AVEOX
- * CERMARK
- * MASTER AIRSCREW

MINI RECEIVER ANTENNAS

- * DEANS

MOTOR REPAIRS

- * LEISURE ELECTRONICS

**ALL HOBBY LOBBY
PRODUCTS**

MOTORS

- * ASTROFLIGHT
- * AVEOX
- * CERMARK
- * MASTER AIRSCREW

PLUGS

- * CERMARK
- * DEANS
- * FMA DIRECT
- * SERMOS

PROPELLERS

- * AVEOX
- * CERMARK
- * MASTER AIRSCREW
- * ROBBE

RADIOS & SERVOS

- * AIRTRONICS
- * FMA DIRECT
- * HITEC - RCD

SUPER FLEX WIRE

- * #16, #14, #12

SWITCHES

- * AIRTRONICS

**LEISURE ELECTRONICS
of Downey**



**Speed Controllers
Electric Flight Components**

Phone (310) 869-0425 (Home)

Fax (310) 861-0193 (Office)

Phone (310) 923-0772 (Ans. Machine)

Joe Ballasch

Owner

10039 Lesterford Ave. Downey, CA 90240-2519

MEMBERSHIP APPLICATION 1999,

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

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*)

DATE OF BIRTH _____ Frequency channels used _____

NEW APPLICANTS (W/Name Tag) - (17 years and older) = \$25.00

SENIOR MEMBER (Renewal W/O NameTag) (17 years and older) = \$20.00 NEW/RENEWAL (circle one)

JUNIOR MEMBER _____ (16 years and under), = \$10.00

FAMILY MEMBER _____ (At same address) = \$ 5.00

Extra HSS Name tag _____ = \$5.00

Applicants making application for senior membership between July 1st and October 31st pay a reduced rate of \$10.00. 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. A signature is required by all Harbor Soaring Society members, agreeing to comply with the current AMA Safety Code and the current HSS General Field Rules and Field Safety Rules

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 have a certified R/CMA-AMA gold sticker affixed indicating that it was manufactured or modified for operations at 20 KHz frequency separation. 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 _____

Calendar Of Events

HSS Club Meeting 7:00 Irvine Wtr Dst.
Presenter - Dave Sanders (Combat Foamies)

HSS T.D. Contest
SC2 T.D. Contest - ISS

Pasadena Two Day
HSS T.D. Contest??
HSS Club Meeting 7:00 Irvine Wtr Dst.

Mother's Day
Visalia Classic Contest
SC2 T.D. Contest - TPG

HSS Club Meeting 7:00 Irvine Wtr Dst.
HSS T.D. Contest
SC2 T.D. Contest - TOSS

HSS Club Meeting 7:00 Irvine Wtr Dst.
HSS T.D. Contest
SC2 T.D. Contest -

Please keep an eye of the Calendar of Events. They may change from one month to another.

Tues. Apr 6

Sun Apr 11
Sun Apr 25

Sat May 2
Sat May 2
Tues May 4
Sun May 9
Sat May 15-16
Sun May 23

Tues. Jun 1
Sun Jun 6
Sun Jun 27

Tues. Jul 6
Sun Jul 11
None

HSS SPY REPORT



The Spies from MAD magazine decide to shoot the cigar right out of the mouth of HSS President Les Kenyon. Either the cigar or "the grin" is doomed.



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

www.rcsoaring.com/hss/hss.htm



WILL CONRAD
9359 SHRIKE AVE
FOUNTAIN VALLEY, CA 92708



**Notice: Meeting Tuesday 4-6-99
at the Irvine Water District Office**

**The April HSS monthly contest
date is Sunday 4-11. Rain date: 4-18.
3 rounds of 24 minute add-em up
plus 10 minute 4th flight.**