

Plane

RAP

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- Triangle Ladder...
- I wanta' be on top!
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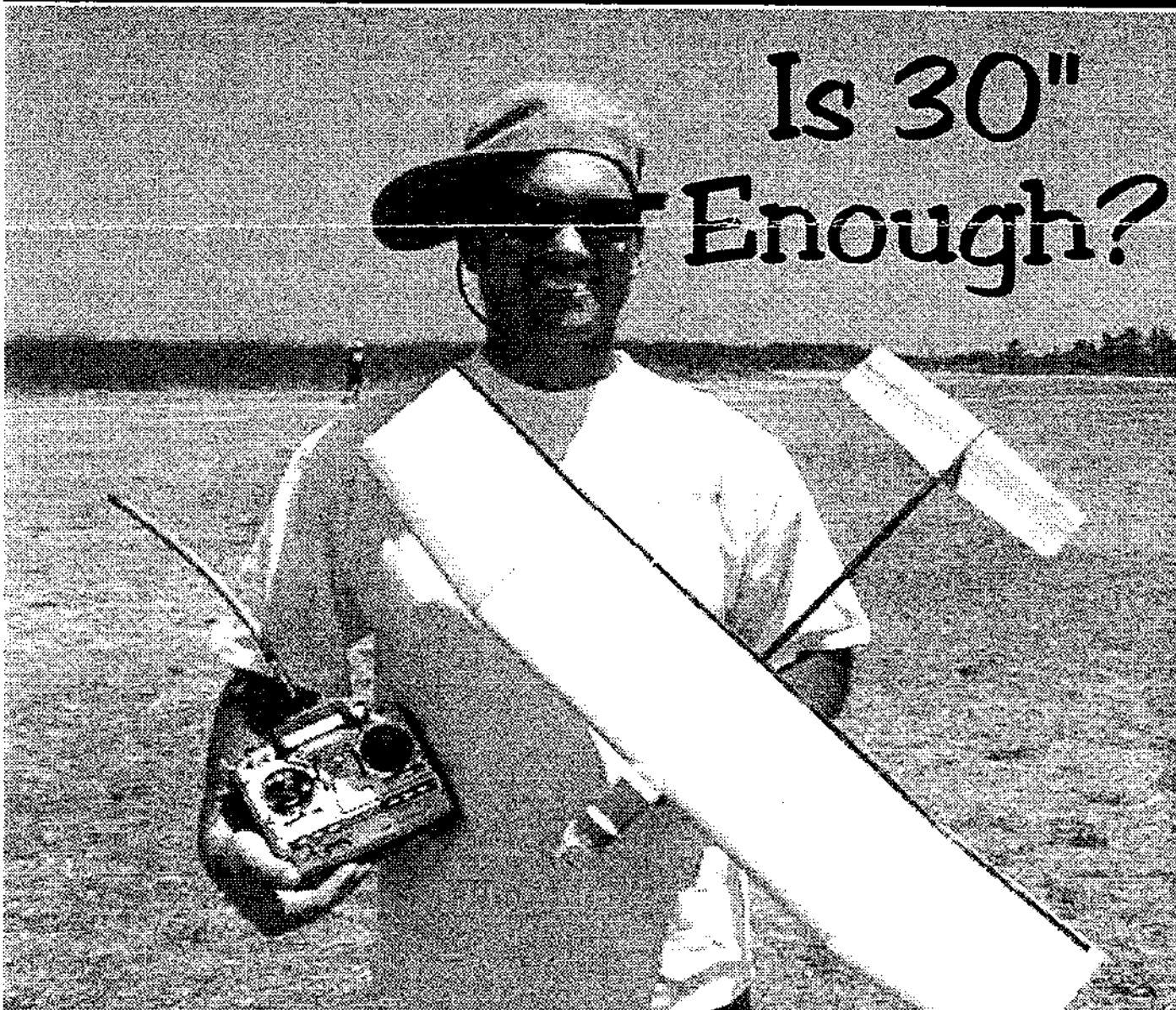
Aug 1998

Harbor Soaring Society

AMA Charter #128

Volume XXXV Issue 8

Is 30" Enough?



Club Information

1998 Officers:

President

Steve Hendry
996-6183 hendry@fea.net

Vice President

Les Kenyon KenyonLes@aol.com
404-3832

Secretary

Steve Schupak
548-4647 Schupak@mta.net

Treasurer

Roger MacGregor
642-6830

Contest Director

Ross Thomas
638-0705

Editor

Lyndon Johansen
645-6291 Acmeplanes@aol.com

Training Coordinator

Roger Saville
549-7976 RogerHSS@juno.com

Winch Coordinator

Karl Hawley
545-4722

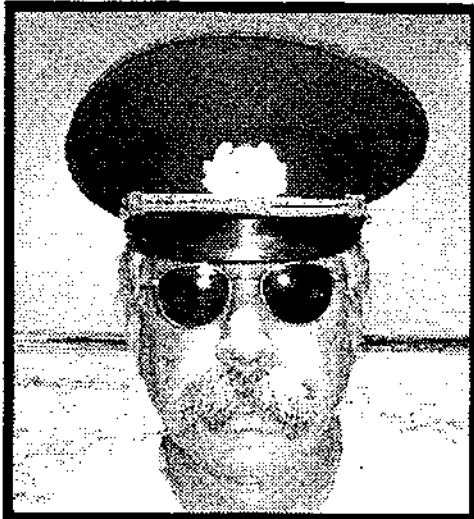
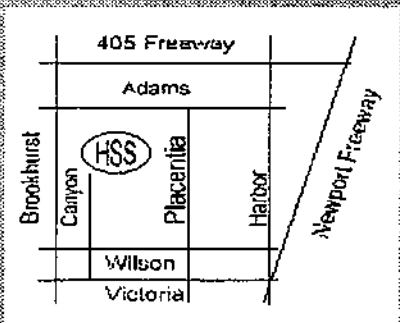
General Director

Lars Tuhino
548-7968 Larswan@aol.com

Monthly Meeting

Held on the first TUESDAY of each month at 7:00 PM.

Flying Site



MESSAGE FROM THE OVAL ORIFICE

Steve Hendry

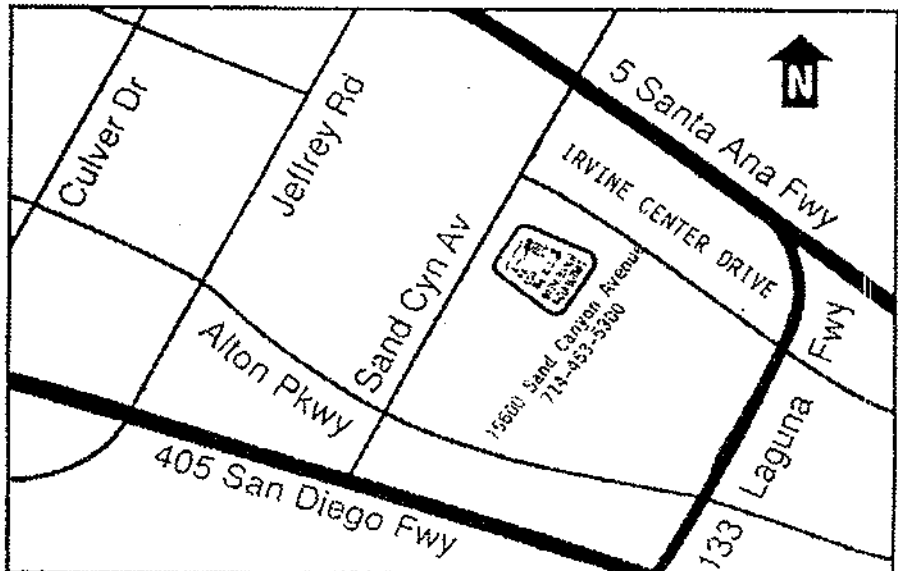
"=ÛÓÍËÏ × ÍÁÁÁ ÍÁÍÁÐËÏ ÓÁÓÁÏ..."

=ÛÓÍËÏ × ÍÁÁÁ ÍÁÍÁÐËÏ ÓÁÓÁÏ,
 ΕΑΕ ΑΑΙΕΡΘΝ ΟΑΟΟΟΑΙΑΙΑΝ ΟΕΟΟΕΑ.
 ÏÏ ÏÏÁ ΟΕΑÛΑÏ: "ÏÁ ÓÁÏΘ, ÐÏÏ ×ΑÛΑ ÓÁÏÏ
 ÓÁÓÓΑΑΘ × ÍÁÓÓΑ, ΕΘΘΘΕΑΝ ΘÏΑÇÓΘΕΑ!"

÷ ÐΘÛΕÓÓÏË ÏΘΕΘÁ ÓΘËË ËÏÏÏΑÏË.
 ÏÏÁ ÓÓÁÏ ÓÓÓΑÛÏÏ, ÓÓÁÏÏ ΕΑΕ-ΘÏ ÓÏÓÓÏÏ
 Ï, ΕΑΕ ×ΑÓÏΘΘΘ ×ΑÓ, ΑÛÓÓÓÛΑ ÏΑΑΑÏË
 ΑÇÏ ÏΑΑ×Ë, ×ÏÛΑÓÛÏË Ë ÏËÏÓÏÏË!

Ï ÏÁ ËÏÐΘ ÏË ÇÏΘΑÐË, ÏË ÏÛΑÏΘΝ,
 ΘÓΘΕΑË ÓÏΘΘ Ó ÐÏÓÏΑÏΑÏË ΑΑÏË ×ΘΑÇÏË.
 Ï ÏÁÏ ÇΑΑΑÏΑ Ï × ΕΑÏÏÏ ΕΘΑÛΑÏΘΝ.
 Ï × ÏÏ×ΑÓÁ ΑÛÏΑ ΑÇÏ ÐÏΑΘÓÇÏË.

Notice: Meeting Tuesday 8-4-98 at the Irvine Water District Office



Cover Story: Is 30" Enough?



The "inspiration" for this version of the 30" class hand launch came from 1968 when I was building 18" free flight hand launches. I figured that a larger wing area is a better thing so I set out to put as much as practical into the 30 inches. A straight cord center section with swept back tapered tips for some stability came about in reviewing all of the articles from the 60's on FFHLG and my own experiences. The center is a six inch cord with the tips tapering from six to five inches. The airfoil is a modified HQ25-09. I moved the high point forward to 25% from it's "stock" 35%. Why? The FFHLG's of the late 60s all had their high points at 25%! And it just looked right. Might be getting a thinner wing than the 9% of the stock foil because of wire kerf.

I cut Steve's version from blue foam and then Steve glassed it. It has a center section that's 18 inches wide with 6 inch wide tips. From watching Steve fly it there doesn't seem to be any problem in turning with this two break

polyhedral arrangement and not the three break I had recommended. Roger Saville has replaced his DAW wing with an EPP wing of the same platform. Both Roger's and Steve's heavier plane turns crisply and don't lose altitude. The next 30 inch is a flapperon with a six inch root tapering to a 4 1/2 inch tip and an elevator only V-tail. Thinking about using the semi symmetrical s6063 or the modified HQ25-09 and reflexing the flapperons for launch. Maybe I'll build one of each.

Other observations: Weight and balance are very critical. A very light but strong tail boom is where I would start. The black fiberglass push rod now being used is too heavy and the thick walled carbon arrow shafts are too either small in diameter or just as heavy. Using balsa for the elevator and rudder seems to be a given but I would like to try cutting them from the white styrene trays that steaks come on just to avoid damage (barbecue anyone?). The .015 music wire is about as light as you can go unless you could find some titanium (or aluminum?). A carbon fiber strip, bonded to the top and bottom of the wing could replace the routed, inserted and glued 1/8 X 1/4 spruce spar. Covering the wing is a thought too. I drilled .015 holes in the servo arms and Z bent the wire with needle nose pliers. Also made the elevator horn shorter than the diameter of the tail boom. A "computer" transmitter is a good idea as the servo throws are far easier to adjust. And were in the heck can you get that small diameter teflon or polyethylene tubing?

Hugh 7/15/98



Casey Rogers, 12 year old ace, enjoys flying an early vintage "Plane With No Name" from Hugh's Aircraft. This is Casey's third RC glider and he has several *one minute+* flights under his belt!

HSS Meeting 7-7-98

Called To Order by Les Kenyon at 7:26 p.m.

VP Report:

Les Kenyon invited everybody to the Silver Anniversary CVRC Fall Soaring Festival in Visalia. It was noted that entries mailed before August 1 will not be accepted. Les was quoted saying, "Visalia is a ton of fun."

Treasurer Report:

Roger MacGregor says we're solvent. The name tags are current and will be handed out at the field and leftovers will be mailed in the August newsletter.

Newsletter:

The cost of publishing a newsletter (130 copies) is approximately \$40 for printing and \$43 for postage. This represents one of HSS' major expenditures. It's too bad we are paying good money to read such dribble! Somebody should step up and straighten out that jerk of a newsletter editor.

Winch Master Report:

New winch line is going to be purchased. Carl has found a source for 200# and 60# line and will be stocking our shelves with 10 /200# spools and 6/60# spools. This line should hold us through the end of the year.

Carl outlined our progress at the City Council Meetings.

He says that the city has not objected to needs or wants... yet. He encourages each of us to support the club by participation at City Council Meetings. Remember, Carl is buying coffee and pie afterwards!

General Directors Report:

Lars Tuohino gave us his personal assurance that all the problems and issues associated with the Fairview Park Master Plan are manageable.

"One who doesn't give the gift he promises is like a cloud blowing over a desert without dropping and rain."

Contest Coordinator Report:

Ross Thomas reported that CD's are needed for HSS monthly events. Your participation will help keep our events fresh and exciting. We love new blood! Contact Ross Thomas for details. The July 12 HSS contest will be a 4-6-8 precision.

HSS will host the September (SC)2 contest. This is a major HSS event and many hands are needed to support the event. Volunteers can sign up for the impound area, registration, winch master, retrievers, and concessions. We want **BURN'T WEENIES**

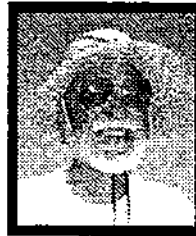
New Business:

The HSS September contest has been changed to 8-16-98.

Meeting was adjourned at 8:30 p.m.

Guest speaker Dave Sanders "DAW" displayed several EPP aircraft and conducted an exhilarating confabulation RE: assembling and covering EPP aircraft. It is always a pleasure pickin' Dave's brain!

Lyndon Johansen, Secretary Pro Tem



Nick's Views

Nick Buzolich

WANTED



Somebody to wipe the arrogant smirk off this Borsch Eaters Face! The Bulky Baron is on top of the ladder again and Comrade Buzolich wants him extradited! Nick is offering a Cold Soda Pop (your choice, diet or regular) to anyone willing to take on the Bulky Baron. Win or lose, the soda pop is yours. In fact, during the month of August Nick will have cold soda pops for all successful ladder fliers, AND anyone brave enough to take on Comrade Buzolich himself. Best of Luck!

You can't expect to hit the jackpot if you don't put a few nickels in the machine!

Unlimited

1. Steve Hendry (+)
2. Chris Kenyon (-)
3. Dan Fink (+)
4. Ross Thomas
5. Mike Marjoseph (+)
6. Tom Vincent (-)
7. Ben Clerx (-)
8. Roger MacGregor (-)
9. Nick Buzolich (-)
10. Carl Hawley(+)

Classic

1. Will Conrad (-)
2. Ross Thomas (inc.)
3. Mike Morjoseph (inc.)
4. Bob Sliff (inc.)
5. Larry Enger (inc.)
6. Dick Pantzar

TG-3

1. Roger Saville (-)
2. Les Kenyon
3. Steve Schupak

HSS Contest Results

Open Class July

- 1 M Tom Copp
- 2 M Steve Hendry
- 3 M Roger Lackey

- 1 E Ross Thomas
- 2 E Jim Parsons
- 3 E Tom Vincent

- 1 A Mike Morjoseph
- 2 A Chris Kenyon

Classic July

- 1 Ross Thomas
- 2 Will Conrad
- 3 Dick Pantzar
- 4 Mike Morjoseph

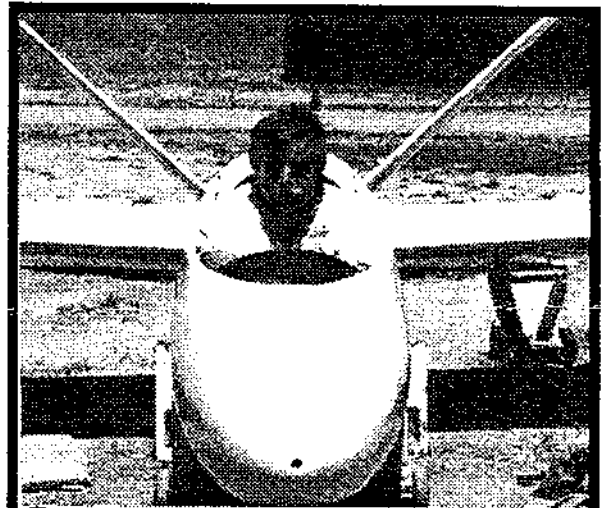
(SC)2 Contest June

- 1 Dionisio, Patrick TPG
- 2 Clark, Don TPG
- 3 Scharck, Ron TPG
- 4 Sage, Fred TPG
- 5 Markiewicz, Arthur TPG
- 6 Joy, George TPG
- 7 Lugo, Brandon TPG
- 8 Valdes, Aaron TPG
- 9 Kindrick, Keith PSS
- 9 Garland, Steven ISS
- 16* Vincent, Tom HSS
- 24* Hawley, Karl HSS
- 33 Sliff, Bob HSS
- 37* Thomas, Ross HSS
- 38* Buzolich, Nick HSS
- 39 Hendry, Steve HSS
- 45 Morjoseph, Mike HSS
- 47 Enger, Larry HSS
- * HSS TEAM FOR JULY

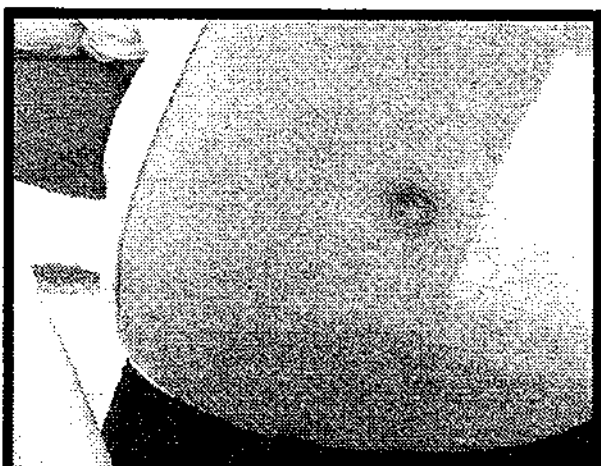


Tom Copp 1st M and HSS most eligible batchelor

Name	Jan	Feb	Mar	Apr	May	June	July	YTD
OPEN								
Hendry, Steve M	869	891	1000	991	1000	938	977	6666
Jolly, Larry M	1000		991	1000	993			3984
Lackey, Roger M			979				958	1937
Clerx, Ben M					995			995
Rodriguez, Joe M			993					993
Perkins, Daryl M			992					992
Thomas, Ross E	715	915	965	825	335	861	929	5645
Parsons, Jim E	916	916		820	986	847	907	5392
Saville, Roger E	798	846	787	743	301	717	902	5094
Vincent, Tom E		975		903	993	1000	906	4777
Roa, John E		940	917	973		937		3767
Hawley, Karl E	654	748		535	993	717		3647
Schupak, Steve E	916	529		680	630	79	666	3480
Fink, Dan E	890		965			954		2809
Brandt, Dennis E	996		979					1976
Taylor, Mark E		1000	904					1904
Bathell, Rick E	989					696		1685
Tuohino, Larry E	991		400					1391
Briggs, Rick E	792		228					1020
Copp, Tom E							1000	1000
Navarro, Mark E				919				919
Addis, Steve E			810					810
Anderson, Kevin E			688					688
Pope, Bob E			548					548
MacGregor, Roger A		836	957	729	479		764	3767
Buzolich, Nick A	834	765		804	418	730		3551
Marjoseph, Mike A				643		845	884	2372
Kenyon, Chris A					252	750	870	1872
Jolly, Chris A				874	991			1866
Jolly, Emmett A			922					922
Kutch, Norm A		708						708
Puchalski, Mark A						622		622
Zink, Don A						542		542
CLASSIC								
Thomas, Ross 1	928	906	738	946	901	714	1000	6133
Conrad, Will 1	622	760	812	590	72	1000	893	4749
Sliff, Bob 1	860	1000	910	867	489			4126
Pantzar, Dick 1		681	804	730	707		778	3700
Enger, Larry 1	896			926	565			2387
Brown, John 1	1000		1000					2000
Jolly, Larry 1				1000	1000			2000
Marjoseph, Mike 1			571			566	778	1916
MacGregor, Roger 1		219		436	767			1422
Saville, Roger 1			637					637
Adamczk, Chris 1						597		597
Puchalski, Mark 1	530							530
Addis, Steve 1					371			371
2 METER								
Jolly, Larry 2	1000		959					1959
Thomas, Ross 2	874		903					1777
Rodriguez, Joe 2			1000					1000
Fink, Dan 2	385		145					510
Schupak, Steve 2	378							378



Steve Hendry 2nd M



Roger Lackey... Bellyaching 3rd M



VP of FUN

Lee Kenyon

Visalia is Coming up Oct 3-4. Entries postmarked prior to Aug 1 will not be accepted. This is the biggest Soaring meet in the country. Hotels are available as well as on site camping. The fun really starts after the flying and last till you've had enough. All the vendors in the world are there and prices are right. Many used full house ships on sale, here's the place to get a deal on anything you may need. Compete or plan on the trip for one heck of a good time. About 12 to 15 HSS regulars will be there, so mark your calendars and you won't regret the trip. Hopefully team HSS can out do Ben Clerx and his Torrie Pines Gulls! Look for the Team HSS LO-GO and come sit with us. If you miss it, just look for Nick's cot, probably with Nick in it.

Special thanks to Dave's Aircraft Works for last month's meeting. His new scale ship is priced right and looks like fun. *This month we will be visited by the folks from Airtronics.* Don't miss this one. Still meeting at the Water Dist till the mosquitos are gone at the Duck Club.

Crash Etiquette: There is something about safety to be said for things one should not say or do when a model goes down at the field. Although I've never seen a fight break out, I have seen friendships get strained to the breaking point over careless comments or actions. Remember, models get built for numerous reasons, some with very emotional overtones. I remember almost crying (literally) when I flew my 126 Foamy into the ground on the first launch, shattering the wing. The emotion I felt was loss of revenue, building time, and more washed out weekends with no plane. I certainly didn't want to hear the comments from the guys! The best scenario is to offer to help search or pick up the pieces and just listen to what the modeler might want to say. Sometimes it's just best to not offer an opinion when asked for one: rather, just nod your head or comment about how well a model looked before it went down.

Until next month, remember to pick up all the pieces before you leave the field.



KARL THE WINCHMAN

Karl V. Hawley

If you have something to do that is worthwhile, don't talk about it - do it. After you've done it your friends will talk about it. And that's all I have to say about that.

Classified Ads:

KESTREL 19 \$400 obo

This is a 131" T-tail with 10.3 oz wing loading. It comes complete with Futaba 4ch, servos, battery pack, and receiver. The plane is ready to fly.

Blair Atwell (562) 760-9141

SULA BIRD KIT \$35.00

Yes... this is the big club bird from SULA! It is a GIANT 3 function plane used for "ONE DESIGN" contests at the SULA field. This kit is serial # 008 (collectors item). It is priced to sell and won't last long!

Lyndon 645-6291

Mako Kit \$475.00

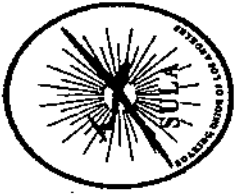
Fred Sage 118" 7037 carbon wing, stabs, and rudder. Only looked at by Karl.

Karl Hawley 545-4722

ROY STOWERS MEMORIAL

SECOND ANNUAL

NOSTALGIA CONTEST



IN MEMORY OF THOSE FLYERS NO LONGER WITH US

HOSTED BY: THE SOARING UNION OF LOS ANGELES

AMA sanction # 81737

When: August 23, 1998.

Location: California State University Dominguez Hills

Plane: Polyhedral, 2-3 function (rudder, elevator and spoiler or flap)

NO landing devices of any type (skids, sharks teeth, ventral fins etc.)

Tasks: Flights - 3, 6, 9, 12 & 5 minutes (in order) Called up

1 pt/sec, (- 2pts/sec over target time)

Landings = 100 points per flight in a standard 25 ft circle

Entry Fee: \$15.00 Pre-registration \$20.00 (Day of event)

CHECK-IN: 7:00am - 8:45am

PILOTS MEETING: 8:45am

Awards: First Place\$500.00 and Trophy (Awarded by TOM STOWERS)

Second place ...\$200.00

Third Place\$100.00

Best of Show ..\$ 50.00

Highest scoring Pantera\$150.00 (Awarded by Larry Jolly)

*Snack stand will open at 7am for coffee, hot chocolate and donuts.

Hot and cold lunch items throughout the day.

*Restroom facilities on site.

CD: Ron Brown (310)328-8664 e-mail SOARINGHI@worldnet.att.net

Mail pre-registration to: Ron Brown

2933 Sonoma Street

Torrance, CA 90503

Name: _____ AMA#: _____ Name of Plane: _____
 Address: _____ Phone: (____) _____ Freq: 1st choice _____
 City: _____ State: _____ E-mail: _____ 2nd _____
 3rd _____
 *One pilot per plane/one plane per pilot.
 *Back-up plane O.K. on same freq. if primary is not flyable.
 Make check payable to S.U.L.A. Check: \$ _____ Cash \$ _____

Silent Wings Soaring Association

August 1998 SC²

DATE: August 30, 1998

TIME: Sign-in at 8:00 AM.

Pilot's meeting at 8:30 AM.

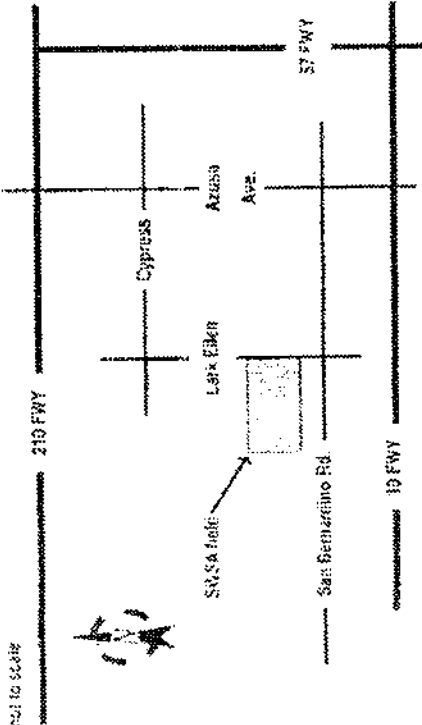
Contest starts at 9:00 AM.

CD: Frank Corsaro (909) 984-4978

CLUB PRESIDENT: Ron Adams (626) 967-2006

LOCATION: Las Palmas School, Covina, CA

Map not to scale



EVENT: 444 and 3 Function open Precision Duration with landing circles (20' zone) on mowed grass.

Entry Fee: \$8 for Open and \$5 for 3 Function

Tasks: 3, 5, 7 and 5 minutes with maximum of 50 points per landing.

Rules: All AMA and SC2 rules apply.

WINCHES: 12 volt winches with retrievers. Approximately 525' to turnarounds.

TROPHIES: Masters (3), Expert (3), Sportsman (3), and 3 Function (2)



HARBOR SOARING SOCIETY

Host For The September 1998 (SC)2 Contest

Date: September 27, 1998

Location: Mack Freed Field
Canyon Drive, Costa Mesa

GPS: 33°39.58N 117°56.46W
Thomas

Guide: OC/LA '98 (Page 888, G1)

CD: Ross Thomas
(714) 638-0705

Sign-Up: 8:00 a.m.
Meeting: 8:45 a.m.
1st Flight: 9:00 a.m.

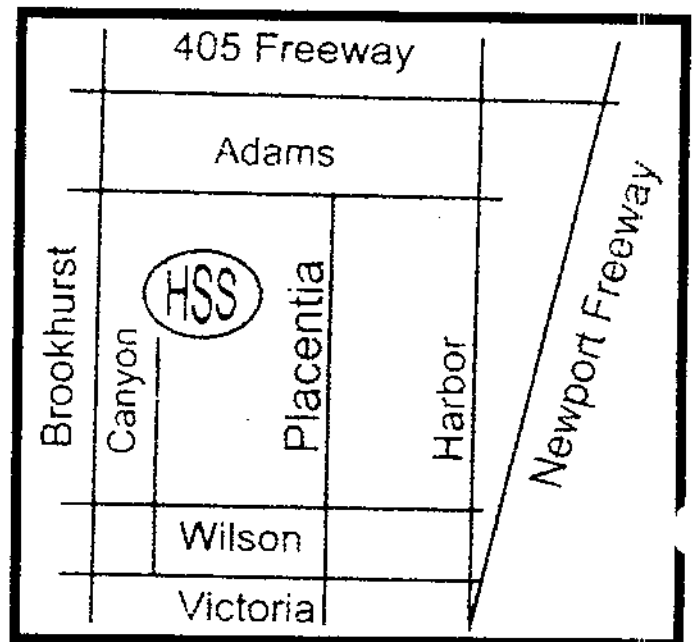
Tasks: 3 rounds / 10 minutes
950 / 50 landing
25 foot landing tapes

Rules: (SC)2 rules apply
Tran/Rec 1991 AMA rules

Entry Fee: \$8.00
Restroom Available

Trophies For

Master	1st	2nd	3rd
Expert	1st	2nd	3rd
Sportsman	1st	2nd	3rd
3 Function	1st		



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AIRTRONICS RIVAL SPORT W/2 1/2" SLINGS Price cut to: 54.99	TECUBILA SUPRAISE 25 1/2" HORN REG. \$99.99 89.99	TRINITY MIDNIGHT 1/2" HORN 3 1/2" TAIL REG. \$28.99 26.99
MODEL TECH JOBS 8TH 40 1/2" HORN REG. \$134.99 119.99	WHEELER RTR 1/2" HORN Lowest price ever 142.99	TECATE BIPE 40 1/2" HORN REG. \$99.99 69.99

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FOUNTAIN VAL. 18480 Bandler Cir. 405 Fwy, Euclid Exit 714-964-8846	SAN DIEGO 3860 Convoy St. South Of Balboa 619-268-7997	EL CAJON 469 Broadway At Ballantyne 619-444-8135	LA HABRA 1401 S. Beach Blvd. Near Imperial 562-947-2574 • 714-994-5721	LAKELWOOD 5449 South St. Bellflower & South 562-804-2515	

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Calendar Of Events

HSS Club Meeting 7:00 Duck Club	Aug 4,1998
HSS T.D. Contest	Aug 16,1998
Bent Wing Contest TOSS Contact Art McNamee (805) 526-6292	Aug 9,1998
Nostalgia Contest SULA Contact Ron Brown (310) 328-8684	Aug 23,1998
SC2 T.D. Contest @ SWAS	Aug 30,1998
HSS Scale Aerotow	Sep 19,1998
HSS Club Meeting 7:00 The Duck Club	Sep 1,1998
HSS T.D. Contest	Sep 6, 1998
SC2 T.D Contest @ HSS	Sep 27,1998
Central Valley (Visalia) T.D.	Oct 3-4,1998
Contact Phil Hill (209) 686-8867	
HSS Club Meeting 7:00 The Duck Club	Oct 6,1998
HSS T.D. Contest	Oct 11,1998
SC2 T.D. Contest @ PSS	Oct 18,1998
HSS Club Contest 7:00 The Duck Club	Nov 3,1998
HSS T.D. Contest	Nov 8,1998
SC2 T.D. Contest @ ISS	Nov 22,1998
HSS T.D. Contest	????????
HSS HOLIDAY PARTY	????????
	Dec 6,1998
	Dec 8,1998

HSS SPY REPORT

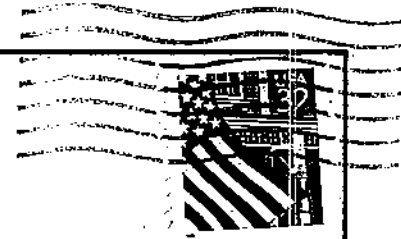


LIMITED TIME OFFER !

Local Carl's Jr. responds to HSS health needs.....

Seen here at Carl's Jr. and ready to chow down, Roger Saville is holding one of the first GB Super Mondo Green Chili Spicy 1-26 Goat Burrito. It is available for a limited time only in a "DAW EPP Gordita Tortilla." Viva EPP..... lets go chew one now!

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



WILL CONRAD
 9359 SHRIKE AVE
 FOUNTAIN VALLEY 92708



**Notice: Meeting Tuesday 8-4-98
 at the Irvine Water District Office.**

**The August HSS monthly contest
 date has been changed to 8-16-98**