

T O S S ' n U P



NEWSLETTER

APRIL 1990

T.O.S.S. P.O. BOX 1955

THOUSAND OAKS, CA. 91360

A.M.A. CHARTERED CLUB #1493

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Chuck Griswold (805) 495-1409
Myles Moran (818) 882-4687

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Next Contest: JUN 9th 1990
CID: Bob Goldsmith
Type: ???

Next Meeting: May 30th 1990
Place: Oaks Mall
Next to Bullocks
Hillcrest Dr. T.O.
Time: 7:30 p.m.

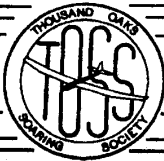
June 1990

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						T.O.S.S. Fun fly. Help for new fliers and practice for contests 1 2
S.W.S.A. Covina ISS SPONSORED hand launch glider contest Ian Douglas (714) 3	4	5	6	7	8	MRCSS Santa Monica monthly contest. 9
TOSS MONTHLY CONTEST I.S.S. Riverside H.S.S. Costa Mesa 10	11	12	13	14	15	16
P.S.S. Pasadena SC squared PSS 17	18	19	CVSF Non Meeting Mike Puckett 20	21	22	TOSS NIGHT FLY. The second one. To be held starting at 6 pm at Moorpark field... OK? 23
Monthly contest Weedpatch Bakersfield call Myles for ride info. 24	25	26	TOSS meeting 27	28	29	30

July 1990

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
SC squared Lee Renaud Memorial Three classes Youth, Sportsman, Expert HSS. Harbor 1	2	3	4	5	6	T.O.S.S. Fun fly. Help for new fliers and practice for contests 7
TOSS MONTHLY CONTEST I.S.S. Riverside H.S.S. Costa Mesa 8	9	10	11	12	13	MRCSS Santa Monica monthly contest. 14
P.S.S. Pasadena El Dorado Long Beach 15	16	17	CVSF Non Meeting Mike Puckett 18	19	20	21
22	23	24	TOSS meeting 25	26	27	28
TOSS SC SQUARED MEET DONT MISS IT !!!! 29	30	31				

T.O.S.S. Calendar of events. Please contact officers for car pool information



Some more Useless but Interesting Information

Last month I had some time off, sooo, I made up my mind to see if this soaring thing is as good as we make it out to be. It started at the Arizona meet this winter. Tom told me to come up to Minden Nevada, I could get my add on rating with a little luck and not much skill. Well to make a long story short, I've never worked at a rating this hard and enjoyed it so much since my private license. I recommend it highly. I had a ball. A lot of skills that you learned in R/C soaring will certainly help. Sorry to say that the reverse isn't true.

Next on the list— Three events at TOSS this month. First, Hendrickson flies

RG 15 open class bagged wing. Very light, says "It really flies good." Second, Don Mc Namee wins TOSS monthly contest and misses perfect 3000 by less than 25 points. With Falcon that he has been trying to get rid of for 2 months.

Northern zaps second place and Griswold should have stayed at home. Third, TOSS runs first night fly this year with five people at field. What happened? No one wanted to fly at night. It usually is one of the craziest times of the year. To recap. Van, Don Northern, Chuck, Mike Leal, and Bob Swet turned out to have fun. Let me say for Mike and Bob it was a wild and crazy time. Bob showed up with a Oly 650 that had electric lights in the wings. Mike had the RG 15 Wanderer back together after the monthly contest mishap. Let me say —

these two have been doing something wrong at the contests. Bob started off with a nine minute round. Followed with Mike at six minutes. They averaged over four minutes for three flights.

We will give you guys another try at this thing. June 23rd another night fly. If you don't show up for this one then we won't bother with another. Bob and Mike will go down in the history books as the winners of the last TOSS night fly.

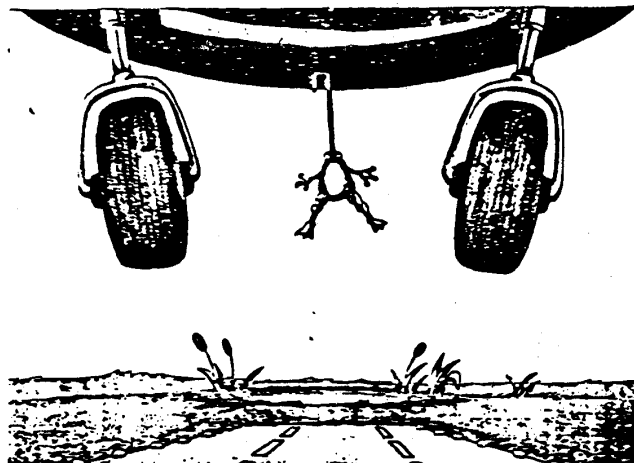
Futaba has come up with a way to keep their radios legal for 91. Read the flier. It might help the budget for next year.

That's all folks.

Chuck

C/D's For the Year.

Jan 3th	Ed Weisman
Feb 10th	Don Northern
Mar 10th	Art McNamee
Apr 8th	Ed Oldenburg
May 12th	Eric Hendrickson
Jun 9th	Bob Goldsmith
Jul 14th	Terry Koplan
Aug 11th	Chuck Griswold
Sept 8th	X/C
Oct 31st	Richard Hartman
Nov 9th	Ralph Morgan
Dec 3th	Myles Moran



NORMALIZED

Max score MAY 2976
 Highest T.O.S.S. score MAY 3000

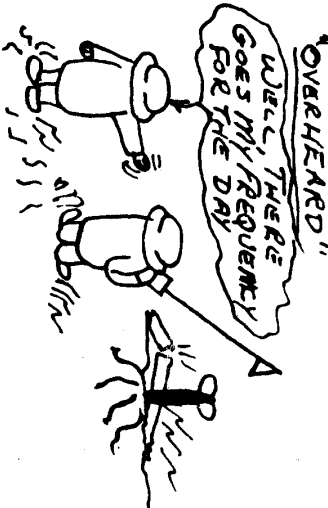
#	NAME	CLUB	TOTAL	JAN	FEB	MAR	APR	MAY
1	NORTHERN	TOSS	3861	929	0	1000	941	991
2	McNAMEE D.	TOSS	3622	0	780	966	876	1000
3	OLDENBURG	TOSS	3142	892	569	0	722	959
4	KOPLAN	TOSS	2916	947	971	0	998	
5	GRISWOLD	TOSS	2724	0	0	817	924	982
7	HARTMAN	TOSS	2623	1000	881	742	0	0
8	WEISMAN	TOSS	2130	0	320	882	927	0
6	WURTS	TOSS	1968	0	1000	968	0	0
13	HENDRICKSON	TOSS	1844	0	0	0	972	872
9	MORAN	TOSS	1823	0	0	926	0	897
14	McNAMEE	TOSS	1653	0	0	744	0	910
10	NIBLEY	TOSS	1496	690	0	0	806	0
11	KRAINOCK	SVSF	1000	0	0	0	1000	0
12	WICHERT	TOSS	979	0	0	0	979	0
15	RATNER	PSS	919	0	0	0	0	919
16	BEN M.	PSS	896	0	0	0	0	896
17	VICKERS	TOSS	775	0	0	0	775	0
18	TURNER	??	631	0	0	631	0	0
19	GOLDSMITH	TOSS	0	0	0	0	0	0
20	HOLLOWAY	TOSS	0	0	0	0	0	0
21	ONSTAD	TOSS	0	0	0	0	0	0
22	DOUGLAS,I	SWSA	0	0	0	0	0	0
23	VAN HAMERSVELD	TOSS	0	0	0	0	0	0
24	SWET	TOSS	0	0	0	0	0	0
25			0	0	0	0	0	0
26			0	0	0	0	0	0
27			0	0	0	0	0	0
28			0	0	0	0	0	0
29			0	0	0	0	0	0

2 METER CONTEST
 NORMALIZED TO 1000

NAME	CLUB	TOTAL	JAN	FEB	MAR	APR	MAY	
1	GRISWOLD	TOSS	2000	0	0	0	1000	1000
2	HENDRICKSON	TOSS	1784	0	0	0	794	990
3	OLDENBURG	TOSS	1732	1000	732	0	0	0
4	WEISMAN	TOSS	1339	0	0	0	664	676
5	MORGAN	TOSS	1279	619	660	0	0	0
6	VAN HAMERSVELT	TOSS	1066	0	0	0	513	553
7	WURTS	TOSS	1000	0	1000	0	0	0
8	WICHERT	TOSS	899	0	0	0	899	0
9	Mc NAMEE D.	TOSS	869	0	869	0	0	0
10	VICKERS	TOSS	857	0	0	0	857	0
11	HOLLOWAY	TOSS	0	0	0	0	0	0
12	MORAN	TOSS	0	0	0	0	0	0
13	HARTMAN	TOSS	0	0	0	0	0	0
14	NIBLEY	TOSS	0	0	0	0	0	0
15	KOPLAN	TOSS	0	0	0	0	0	0
16	B. LYTLE	SCSA	0	0	0	0	0	0
17	J. LYTLE	SCSA	0	0	0	0	0	0
18	WILLIS	TOSS	0	0	0	0	0	0

	TOTAL	JAN	FEB	MAR	APR	MAY		
1	GOLDSMITH	TOSS	3105	823	383	0	899	1000
2	BUJKOVIC	TOSS	2739	918	0	1000	0	821
3	SWET	TOSS	2678	0	1000	0	750	928
4	LEAL	TOSS	2345	0	0	755	1000	590
5	MORGAN	TOSS	1543	714	828	0	0	0
6	VAN HAMERSVELT	TOSS	1245	0	0	0	671	574
7	IMES	SCSA	1000	1000	0	0	0	0

SPORTSMAN CLASS NORMALIZED TO 1000





PASADENE SOARING SOCIETY SC2 JUNE 17, 1990

THIS IS A AMA SECTIONED EVENT AND ALL SC2 RULES WILL APPLY !!!!!!!!!!!!!

LOCATION: PASADENA ROSEBOWL BROOKSIDE PARK AREA H

TIME: 8:30 am. PILOTS MEETING 9;00 am. FIRST FLIGHT

CLASSES: EXPERT AND SPORTSMAN

TASK: ROUND 1,2 AND 3 FLIERS CHOICE

3 MIN. PERCISION 700 FLIGHT POINTS, 300 LANDING POINTS
3.89 POINTS PER SECOND

5 MIN. PERCISION 800 FLIGHT POINTS, 200 LANDING POINTS
2.67 POINTS PER SECOND

7 MIN. PERCISION 900 FLIGHT POINTS, 100 LANDING POINTS
2.14 POINTS PER SECOND

PENALTY POINTS IF OVER TARGET TIME (5XPOINTS PER SECOND) !!!!!!!

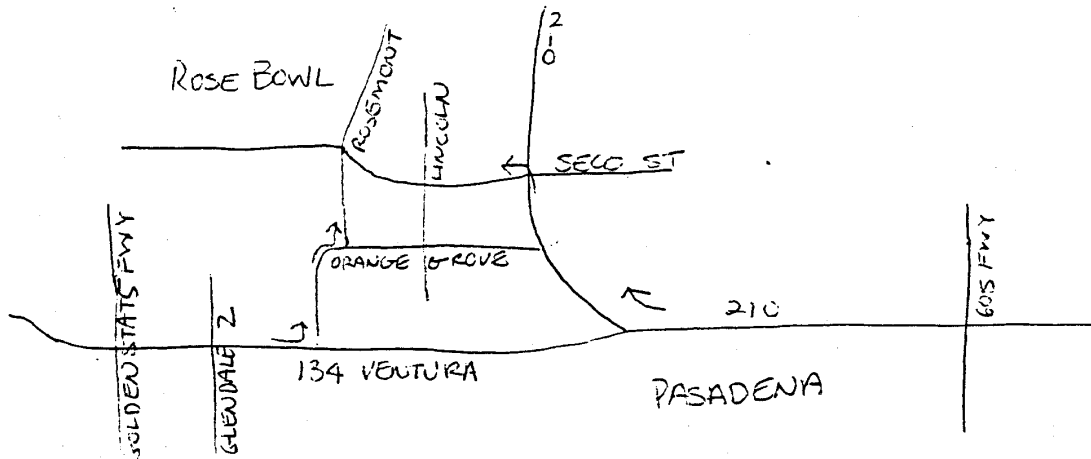
LANDINGS: STD. 25 FT. CIRCLE

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CONTEST DIRECTOR: BEN MATSUMOTO

GRASS FIELD 12 VOLT WINCHES WITH RETRIVERS

!!!!!!!!!!!!!!!!!!!!!!!!!!!! NO CHANNEL 12 AT FIELD !!!!!!!!!!!!!!!!!!!!!!!!!!!!!



SOUTHERN CALIFORNIA SOARING CLUBS
 RESULTS OF ISS (SC)2 CONTEST OF 04/22/90
 CONTEST DIRECTOR - MARK HIGGENBOTHAM

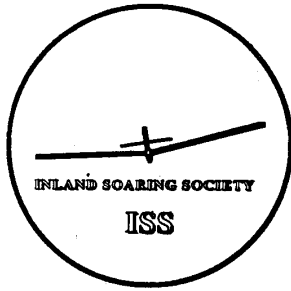
PL	NAME	CLUB	CLASS	SCORE	NORMALTROPHY
1	WURKS,JOE	TOSS	EXPERT	2945.4	1000.0
2	VICKERS,DON	SULA	EXPERT	2920.4	E-1
3	SLIFF,BOB	HSS	EXPERT	2875.6	E-2
4	HENDRICKSON,ERIC	TOSS	EXPERT	2866.7	E-3
5	MORAN,MILES	TOSS	EXPERT	2866.1	E-4
6	SHELBY,RICH	SWSA	EXPERT	2844.9	E-5
7	HOLLEY,MARY	SWSA	EXPERT	2813.6	S-1
8	STAFFORD,IRV	NCC	EXPERT	2811.4	
9	RAYMOND,KEN	NCC	EXPERT	2806.9	
10	OLSEN,PETE	SWSA	EXPERT	2799.9	S-2
11	BILLMAN,TODD	HSS	EXPERT	2797.2	
12	GARNER,RICH	HSS	EXPERT	2797.2	
13	FINKENBINDER,KEITH	NCC	EXPERT	2794.6	
14	MEIENBERG,KEN	NONE	EXPERT	2793.9	
15	SCHWEMMER,KEITH	NONE	EXPERT	2751.9	S-3
16	CLIFTON,GLENN	SWSA	EXPERT	2751.7	
17	PETERSEN,LES	SWSA	EXPERT	2743.9	
18	JENKINS,HARVEY	SWSA	EXPERT	2725.2	
19	SADORF,STAN	HSS	EXPERT	2723.7	
20	STALLAR,ED	HSS	EXPERT	2721.3	
21	SNEDDEN,JERRY	ISS	EXPERT	2720.3	
22	LUPFERGER,JOHN	HSS	EXPERT	2713.1	
23	THOMAS,ROSS	HSS	EXPERT	2699.1	
24	TILLMAN,NORM	NCC	EXPERT	2695.7	
25	BRANDT,DENNIS	HSS	EXPERT	2678.6	
26	PERKINS,DARYL	PSS	EXPERT	2678.3	
27	GIBBS,DUANE	HSS	EXPERT	2666.5	
28	LONG,DICK	SULA	EXPERT	2664.4	
29	SMITH,MIKE	NCC	EXPERT	2647.0	
30	JOY,BRYAN	HSS	EXPERT	2642.2	
31	FINK,STEVEN	SULA	EXPERT	2640.5	
32	BOTNIK,VINCENT	ISS	EXPERT	2631.1	
33	VAN GUNDY,DON	TPG	EXPERT	2630.7	
34	GLASS,ROBERT	PSS	EXPERT	2612.2	
35	MARTIN,TONY	HSS	EXPERT	2603.3	
36	DOUGLASS,IAN	ISS	EXPERT	2551.8	
37	BROWN,GARY	ISS	EXPERT	2547.2	
38	CHASTELER,FRANK	HSS	EXPERT	2490.2	
39	DOIGAL	NCC	EXPERT	2475.7	
40	PETITEN,MICHAEL	SWSA	EXPERT	2454.9	
41	SCHULER,MICHAEL	DUST	EXPERT	2451.7	
42	LARSEN,ORLA	DUST	EXPERT	2445.8	
43	PUCHALSKI,MARK	SULA	EXPERT	2423.4	
44	BUTOVICH,DAVID	PSS	EXPERT	2415.3	
45	FINK,DAN	NONE	EXPERT	2408.5	
46	PARSON,MIKE	HSS	EXPERT	2376.0	

47	SHELBY,CLAUDETTE	ISS	EXPERT	2365.6	
48	HENDRY,STEVE	HSS	EXPERT	2351.4	
49	WILKINS,DAVE	ISS	EXPERT	2348.5	
50	SANDRONI,HUGO	SULA	EXPERT	2330.4	
51	GOLDSMITH,BOB	TOSS	EXPERT	2306.4	
52	BRUCE,JOHN	SUSA	EXPERT	2301.7	
53	SILVA,MANNY	ISS	EXPERT	2301.2	
54	JOY,GEORGE	HSS	EXPERT	2301.0	
55	VAN GUNDY,SUE	TPG	EXPERT	2300.4	
56	MCCOLGAN,DON	SWSA	EXPERT	2292.9	
57	WEISMAN,EDGAR	TOSS	EXPERT	2261.5	
58	BLEDSOE,RICH	TPG	EXPERT	2238.4	
59	HIGGENBOTHAM,MARK	ISS	EXPERT	2199.1	
60	SCHIEDER,STEVE	TPG	EXPERT	2195.2	
61	HALL,DAVID	DUST	EXPERT	2186.4	
62	CHASTELER,TOM	HSS	EXPERT	2162.7	
63	INGEBRITSON,GORDON	SWSA	EXPERT	2134.2	
64	ANDERSON,GARY	TPG	EXPERT	2092.5	
65	CRONAL	HSS	EXPERT	2090.3	
66	RODRIGUEZ,JOE	ISS	EXPERT	2086.6	
67	ROHOLT,CHRIS	ISS	EXPERT	2086.3	
68	OTHON,MIKE	ISS	EXPERT	2081.0	
69	RITCHE,TODD	PSS	EXPERT	2065.2	
70	BAUDER,KEVIN	ISS	EXPERT	2052.4	
71	MEIER,JOE	ISS	EXPERT	1890.0	
72	LUCKENJIM	NCC	EXPERT	1593.1	
73	HATCH,JOEY	DUST	EXPERT	1386.7	
74	RITTER,CHRIS	DUST	EXPERT	1338.9	
75	AYESON,BRUCE	SWSA	EXPERT	872.2	
76	BITZBERGER,JOHN	SWSA	EXPERT	229.4	
77	DANRICH,DAN	HSS	EXPERT	0.0	

MARY HOLLEY and PETE OLSEN advance to EXPERT class.

SOUTHERN CALIFORNIA SOARING CLUBS
 RESULTS OF ISS (SC)2 CONTEST OF 04/22/90
 TEAM SCORES

CLUB	ISS	TPG	PSS	DUST	MRCSS	ELDOR
SWSA 11	966.6	954.5	976.3	1000.0	991.5	924.7
NCC 8	955.3	953.0	949.7	973.3	904.6	923.6
HSS 16	950.6	948.8	923.9	973.1	896.5	893.3
TOSS 5	934.2	934.3	921.1	783.1	822.8	866.4
SULA 6	3806.7	3790.6	3771.0	3729.5	3615.4	3608.0
ISS 14						
PSS 5						
TPG 5						
DUST 5						
MRCSS 0						
ELDOR 0						



INLAND SOARING SOCIETY

7TH ANNUAL R/C HAND LAUNCHED GLIDER CONTEST

The Inland Soaring Society's 7th Annual R/C Hand Launched glider contest is coming up this June 3. There will be a raffle, and some major prizes, (glue, hand launch plans, kits, even radios),
SO DON'T MISS IT!

The rules and task will be very simple. Any glider with a projected span of sixty inches or less, no matter how many functions will qualify. Anyone may throw your glider for you. Three rounds will be flown. Round One will be a ten minute slot in which each pilot may launch as many times as possible with only your longest flight counting. The pilot with the longest flight will receive 1000 points and all other scoring will be Man-On-Man. Round Two will be a ten minute slot with unlimited launches to attempt a five minute precision/duration flight. If no one makes five minutes, the pilot with the longest flight will receive 1000 points and all other scoring will be Man-On-Man. Round Three will be a ten minute slot with six launches, best five count with two minute maximum. The pilot with the highest total time will receive 1000 points and all other scoring will be Man-On-Man. All flights must end before the slot is over to count, any flight that ends after the slot will be scored as zero.

Entry fee is \$6.00. Registration starts at 8:00 AM, with the pilot's meeting at 9:00 AM sharp. Mark your calendar for June 3, 1990 and make your way to Riverside, California for fun, excitement, and big prizes! For more information - call Ian Douglas

(714)621-2522 after 6:00 PM

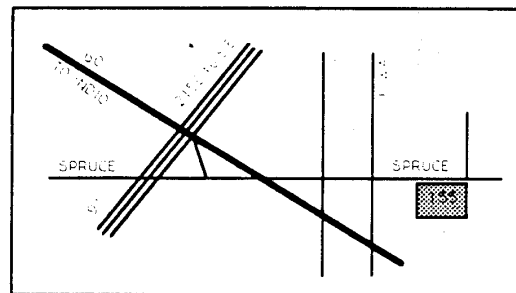
AMA Sanctioned - AMA license required

June 3, 1990

University Middle School

Riverside, California

A ready-to fly sailplane
(with radio)
will be raffled at the field.
Tickets will be a
donation of \$2.00 each,
or 3 for \$5.00.
You just might walk away
with a brand-new glider!
See you there!!!





FUTABA

CORPORATION OF AMERICA

EFFECTIVE October 1, 1990

NARROW BAND TRANSMITTER AND RECEIVER UPGRADE PROGRAM

Futaba is pleased to offer a Narrow Band Upgrade Program to our modeling friends. It is intended to help modelers enter "1991" at a reasonable price without the need to purchase a complete new system.

The Upgrade Program begins October 1, 1990 and will end on March 31, 1991. Only equipment listed below can be upgraded.

AM TRANSMITTER Modified for narrow band output

5,6 or 7 channel (AM) FGE or FGK-pre Dec. '87

4 or 6 channel FG-pre Dec. '87

4NL or 6NLK channel Conquest Series-pre Dec. '87

5,6 or 8 channel J Series (FM)-only needs gold sticker

*TX modification and Gold Sticker, \$10.00

AM RECEIVER to 1991 AM NARROW BAND RECEIVER

5,6 or 7 channel FGE or FGK

4 or 6 channel FG

4NL or 6NLK channel Conquest-AM Series

*Exchange old receiver with R114H and 5pc. AEC-10 adapter, \$35.00

*Exchange old receiver with R117H and 5pc. AEC-10 adapter, \$40.00

FM RECEIVER to 1991 FM NARROW BAND RECEIVER

5,6 or 7 channel FGE, FGK, FGI, or FGH

5,6 or 8 channel J Series FM

5 or 6 channel Conquest (FM)

*Exchange old receiver with R127DF, \$55.00

*Exchange old receiver with R128DF, \$65.00

PCM 512 RECEIVER to 1991 PCM NARROW BAND RECEIVER

6 or 8 channel PCM 512

*Exchange old receiver with R128DP, \$90.00

AM SYSTEM to 1991 FM NARROW BAND SYSTEM

5,6 or 7 channel FGE or FGK

4 or 6 channel FG

*Exchange Transmitter Module and Receiver with TF-FM, R127DF and 5pc. AEC-10, \$75.00

(All prices subject to change without notice)

PROCEDURE

1. You **MUST** return your transmitter and old receiver(s) in the original styrofoam packing or equivalent with shipping prepaid (**REMEMBER**, Program begins **OCTOBER 1, 1990**) to Futaba Corporation of America / 4 Studebaker / Irvine, CA 92718 office. Include a letter with your name and address, you phone number during the day, a description of what you would like done, and a itemized packing list of all equipment being returned.
2. Prices are for the Upgrade Program only, any other work is extra and will be handled as a normal repair at our standard rates. Return shipping charge will be added to your bill.
3. All Upgrades and repairs will be returned to you C.O.D. or may be billed to your M/C or VISA card. Card users supply your card number and expiration date on your letter.

FUTABA CORPORATION OF AMERICA

The SOARING UNION of LOS ANGELES

Hosts the second SC2 Contest for 1990

May 27, 1990

In accordance with SC2 Contest Rules:

a) CD: Steve Addis (213) 835-7631

Pres: Jerry Fedelleck (213) 632-0108

Rep: Don Vickers (818) 792-5612

b) SULA The SOARING UNION of LOS ANGELES

c) SULA FIELD: University of California, Dominguez Hills, Carson, Ca. Corner: Victoria Blvd and Avallon Blvd

d) EVENTS: 3 ROUNDS: 20 minute Add-em-Up.

No flight over 8 minutes.

A working time of 10 min will be allotted for each group of flyers.

Groups will be set up by frequency.

All groups will be called up.

All flight points stop at the end of the

Working time. Zero landing points, if the Landing is made after the Working ends.

LANDINGS: Standard 25' radius circle.

e) May 27, 1990

f) SCORING: 2700 Flight points possible.

2.25 pts/sec on flights under 8 min.

5.00 pts/sec penalty when over 8 min.

Landing: Standard 100 point tape.

g) Standard 12V SULA-RAHM Winches w/ retrievers

h) 850-900 ft to Turn-Around, depending on direction of the launching set up.

i) Landing Areas: dirt, stubble, or grass depending on the location of the circles.

j) Special Rules: SULA Field Rules will be covered at the Pilots Meeting.

--Plaques will be awarded to 1st thru 5th overall, and to 1st thru 3rd for the next Sportsman class flyers in order.

Other information: FEE: \$6.00

Sign-In: 8:00-9:00 am.; Pilots Meeting: 9:00 am.; First flight group launches at 9:15 am.

LEE RENAUD MEMORIAL (SC)2 CONTEST

HARBOR SOARING SOCIETY & AIRTRONICS - SPONSORS

Date: July 1, 1990

Place: Mack Freed Memorial Field (Fairview Park)

Registration @ 8:00 am; Pilots Meeting @ 8:45 am.

THREE CLASSES OF PILOTS:

Youth, Sportsman, and Expert

Classes are defined as follows: Youth is any flyer with Youth AMA membership; Sportsman is any flyer who has not place twice in any SC2 contest; Expert is any flyer who doesn't fit in the other two classes.

MEDALLIONS will be awarded thru third place in each class.

THREE ROUNDS OF SOARING

Rounds 1, 2, & 3 -- contestant may fly his choice of:

3 min: 700 flight points, 300 landing points OR

5 min: 800 flight points, 200 landing points OR

7 min: 900 flight points, 100 landing points.

Standard landing circle.

CONTEST DIRECTOR: FRANK CHASTELER (714) 545-2185

H.S.S. PRESIDENT: GEORGE JOY (714) 566-6385

ENTRY FEE: \$6.00. Raffle prizes to contestants include a CUMIC +.

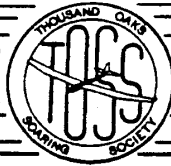
100% OF PROCEEDS GO TO THE A.M.A. LIBRARY FUND IN LEE'S NAME.

The following AMA rules will be waived:

5d - two contestants may fly the same model.

7.2a - no relaunch due to collision in flight.

7.2c - relaunch due to launch system malfunction must be declared within 10 sec.



This is not the way to fly an approach. It is DANGEROUS and not accurate. Thank you for your support.

Instead try a down wind

A base leg

And a finnal approach

