

T O S S - U P



NEWSLETTER

THOUSAND OAKS SOARING SOCIETY A.M.A. CHARTERED CLUB #1493

APRIL 1995

PUBLISHER: LARRY JIMENEZ 1943 CHANNEL DR. VENTURA, CA. 93001

PRESIDENT:

Edgar Weisman (805) 498-8878
752 Camino Valles Thousand Oaks, CA. 91360

VICE PRESIDENT:

Mike Reagan (805) 529-5513
14705 Loyola Street Moorpark, CA. 93021

SECRETARY:

Bob Swet (805) 388-9619
2600 Ponderosa Camarillo, CA. 93010

TREASURER:

Larry Jimenez (805) 652-1937
1943 Channel Drive Ventura, CA. 93001

PUBLISHER:

Larry Jimenez (805) 652-1937
1943 Channel Dr. Ventura, CA. 93001

CLUB WINCHES:

Mike Stern	(805) 492-8452
Art McNamee	(805) 526-6292
Edgar Weisman	(805) 496-0611

NEXT CLUB CONTEST:

DATE:	MAY 14th., 1995
PLACE:	Redwood School
TIME:	9:00 a.m.
C/D	Don Northern

NEXT CLUB MEETNG:

DATE:	April 26th., 1995
DAY:	Wednesday
PLACE:	Cameron Center
TIME:	7:30p.m.

TOSS TALK

MARCH MEETING NOTES

OLD BUSINESS

1) Effective March 15th all members which have not paid their dues were dropped from the TOSS roster and newsletter mailing lists. At this time TOSS has 24 members. We have lost a few "old timers" so if you see flyers like B.J. Weisman and Myles Moran or anyone who has been an active member in the past, **remind them**. I am sure that they have just forgotten.

2) Bob Swet has submitted all the annual paperwork to the AMA along with renewing the insurance for Redwood School and Paramount Ranch.

3) Larry Jimenez will get with Edgar Weisman during the next week to pass on the needed financial figures to file with the IRS as a Non Profit Organization (and do we mean non profit).

NEW BUSINESS

1) As of meeting time, we had three new members added to our roster during the past two weeks. TOSS wishes these members (old and new) a hearty "welcome aboard".

2) Starting with March, the trophies are starting to be issued at the monthly contests. In April, the new ribbons with the TOSS logo will be issued.

3) Edgar Weisman reported that our Paramount Ranch is still usable. The fox tails are still green and won't clog your shoes and socks.

4) Bob Sutton has been elected (selected) as the Assistant Superintendent for Models at the 1995 Ventura County Fair. As part of this annual event, models of all types, plastic, R/C power planes, R/C sailplanes, R/C cars will be on static display for the public to see. There multiple categories for static competition with small amounts of prize money to be awarded in each category. Bob is looking for volunteers to display sailplanes and to represent TOSS. This is one way we can get the public aware of who and what we are.

Models need to brought to the fair grounds on August 4th. Judging occurs on Monday the 14th.

Models can be picked up on the 28th. Bob was looking for a judge for this event. Mike Reagan volunteered and was accepted. Good for you Mike.

TOSS urges all members to participate. It is a great chance to get some good Public Relations for the club and a chance for the member to win some money. You can enter any slope or thermal or power glider. Entrance paperwork will have to be filled out. Bob will bring some to the meetings as soon as it is available.

Any questions will be cheerfully answered by Bob Sutton at (805) 498-4342.

SHOW & TELL

1) Bob Swet brought in his recently completed Whirlwind all foam combat slope plane. It is very similar to the small Anabat in construction. Has a modified RG15 airfoil. Weighs 16.5 ounces. It was painted yellow (using Boyd Enamel Paint) and red glow (using Pactra Estes Astro Color). Both paints did not appear to cause any melting to the white foam. The wooden surfaces were covered with red Topflite Super Monokote. The plane looked to good to fly combat missions.

2) Jonathan Spoer brought in a prototype audible plane locator that will signal loss of RF signal or low battery voltage. He hopes to sell the finished product for approximately \$15.

3) Jonathan Spoer also brought in a "Blazer" slope plane kit (sorry, but I didn't catch the manufacturer's name). The kit features a fiberglass fuselage and white foam wings. It sells for \$79 with unsheeted wings or \$99 with balsa sheeted wings. The plane is rated to fly well in "light" lift.

RAFFLE WINNERS

Devin Holzer won a transmitter case and an Expanded Scale Voltmeter

Edgar Weisman won a Pin Vise complete with a set of twist drills

Chase Keightley won a roll of Transparent Orange Super Monokote.

WHIRLWIND REVIEW by Bob Swet

The Whirlwind slope glider by Hangar 4 Models is a typically constructed slope combat plane. Specifications are as follows: Wingspan - 42 inches with modified RG15 airfoil, Length - 27 inches, Weight - 11 to 18 ounces depending on radio, Radio - mini or standard. It has pre-shaped white foam fuselage and wings. Ailerons and tail feathers were constructed from balsa. My kit was purchased at a local hobby shop for \$35.

The kit comes complete with all materials (except glue, RTV, etc.) needed including hardware. The fuselage has two spruce 3/8" x 1/8" longerons running the entire length. For additional strength, from midpoint of the wing forward, a second longeron was stacked (edge to edge) above the full length one. The wing has upper and lower spruce spars running from wing tip to wing tip.

I elected to make a few "improvements" by adding 0.007" carbon fiber to the rear of all longerons and spars for additional strength. The lower portion of the nose was cut off and replaced with a shaped balsa block to increase durability during those hard landings which sometimes occur. Other than painting of model for improved visibility no other modifications were made.

Using a Futaba AM receiver, 250 mA Hr battery pack, and two S-133 servos, the final flying weight came out to be 16.5 ounces including 0.2 ounces of lead added to the tail. It flies well in approximately 8 to 20 mph winds with some suffering at wind speeds around 30 mph.

I have flown it several times and enjoyed almost every minute of it. The plane rolls in about 1 1/2 seconds and is relatively sensitive to elevator movements. My recommendation is that only a well experienced pilot should use more than the minimum throws. With all its sensitivity, the plane is very stable and will recover from most maneuvers automatically. It handles gusty winds well considering its weight. Inverted flight is a piece of cake requiring only about two clicks of

down trim for sustained hands off flying. During the past couple of outings, I have tried about every maneuver that I could think of (some of which might have names someday). The Whirlwind did them without hesitation and without any signs of structural problems.

In conclusion, I would highly recommend this plane for a Sunday flyer looking to have fun on the slopes. My only regrets is that mine looks to good to combat.

Bob

NEW MEMBER

Welcome to new member *Jack Stafford* of Ventura. Jack is a friend of Chase Keightley, but we won't hold that against him!

TREASURER'S REPORT

We have approximately \$390.00 in our account with about \$175.00 in bills to be paid.

Larry

CONTEST CALENDAR

In this issue of TOSS-UP you will find a schedule of up-coming contests. I will try to keep it up to date as best I can. The information will be gathered from other club newsletters.



SPORTPLANE CLASS UPDATE

I thought I'd give you a little information on what's going on in the sportplane class. Mike Puckett and I tried to think of a sportplane that we could test our skill against each other that wouldn't give an advantage to the flier who flew more often, or who had perfected his radio programming or could out zoom the other guy or who could afford the latest fly high-go fast model etc. We picked a Paragon, with no flaps, no crow, no camber, no elevator compensation, reflex, ailerons, programming but in the interest of safety we did add spoilers, sorry Mr. Slobod. Another reason we picked the Paragon was that Mike had already started one and I had a kit that had been sitting in the rafters of the garage for about 8 years. Now Mike Puckett was the original President of TOSS and the person that I wanted to beat more than any other in a contest, but by the time my skill had improved to a respectable level Mike had quit! Mike and I made a deal I'd build a Paragon if he would start flying again. So we are ready with a plane that will test a pilots skill against each other with a plane that flys about the same for everybody. The interest seem to be building among the club members besides Mike and I Edgar Weisman has his Paragon almost trimmed-out but isn't sure what wingspan he wants. Don and Art McNamee both have theirs ready to fly. Miles Moran said that he can beat anyone with his Paragon. Robert Sutton has one flying and another one on the board. Dick Turner (former Red Baron owner) has his about half way done. Larry Jimenez our newsletter editor who's Paragon is 60% finished. Sorry if I forgot anyone but to the rest of you why don't you have some fun with us and win one of the new picture plaques that Mike Puckett got for the club and they are really nice!!!!

Don Northern (P.F.)

A LSF Type Program for H/L Sailplanes

by Phil Weigle

Bill Forrey's column in the January 1993 issue of Model Builder magazine has a selection devoted to the "WINGS" program for H/L. Having just recently made a change to my "Skeeter" that put a lot of fun flying one of these small gliders, I had to satisfy my curiosity, so off went my two bucks to Ray Hayes at Skybench Aerotech to sign up for the program, and another two bucks for the Sky Bench Catalog. Incidentally, I had also ordered one of Ray's Joust H/L gliders from Northeast Sailplane Products earlier in the week.

After receiving the "Voucher" and looking over the tasks that you are asked to accomplish, I would highly recommend this program to everyone who enjoys flying H/L, and especially to newcomers to this class of sailplanes. Here are the tasks, which are set up so that they can be done either by hand launching, or by means of a short Hi-Start.

- Level 1 - Six flights of two minutes.
- Level 2 - Six landings in a ten foot dia. circle.
- Level 3 - Six flights of four minutes.
- Level 4 - Six landings in your hand.
- Level 5 - Two flights of six minutes, one to include three consecutive circles while flying inverted and one to include one horizontal roll.
- Level 6 - Two flights of eight minutes, one to include a Double Immelman and one to include a Cuban Eight.

The last two tasks require the signature of a witness to the task.

For those of you who would like to get involved with the program, here's the address:

Great Lakes 1.5 Meter
R/C Soaring League Program
C/O Ray Hayes
58030 Cyrenus Lane
Washington, MI 48094

Also be sure to include a stamped self-addressed envelope, and two dollars to register for the program.

You might also order the Skybench Catalog for it is geared towards the 1.5 meter end of the spectrum. One such item which caught my attention was a dual pack of "Mylar Ther-

LSF Program for H/L

Continued

mal Streamer." This is streamer material 3/8" wide by twenty feet long and is .25 mil thick.

Skybench also carries the "Cannon" line of radios. Cannons' Super Micro Receiver is 1-9/16" x 7/8" x 39/64", and weighs .52 oz. for the two channel version. Their "Micro-Elite" servo is 1-5/64" high, 31/32" long by 29/64" thick and weighs just .35 oz. Full house anyone?

Phil Weigle Newsletter of the Rocky Mountain Soaring Association

1995 SC2 CONTEST SCHEDULE

FEBRUARY 26th.....ISS
MARCH 26th.....NCC
APRIL 30th.....SULA
MAY 28th.....TPG
JUNE 25th.....EDSF
JULY.....OPEN DATE.....
AUGUST 27th.....SWSA
SEPTEMBER 24th.....HSS
OCTOBER 29th.....TOSS
NOVEMBER 19th.....PSS

FOR SALE

Synergy 91, ready to fly, new with Airtronics servos. \$550.00

2 meter Banshee, built and in like new condition with Airtronics servos. \$350.00

2 meter Shadow built, like new condition with Airtronics servos. \$325.00
Call - Don McNamee (805) 531-9442

FOR SALE

Sig Riser 100 with Futaba 4 channel radio good condition, good first sailplane.
\$200.00 Call-Larry Jimenez
(805) 652-1937

WANTED- Hot Wheels die-cast cars.
Call-Larry Jimenez (805) 652-1937

1995 CONTEST SCHEDULE

January						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

February						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28				

March						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

April						
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16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

May						
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14	15	16	17	18	19	20
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28	29	30	31			

June						
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11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

January	
1	New Year's Day
16	Martin Luther King, Jr.

February	
12	Lincoln's Birthday
14	Valentine's Day
20	President's Day
22	Washington's Birthday

March	
17	St. Patrick's Day

April	
1	April Fools Day
2	Daylight Savings--set ahead 1 hour
16	Easter
23	SULA MONTHLY
26	TOSS MEETING 7:30 CAMERON CENTER
30	SULA SC2

May	
6	ROSE BOWL 2 DAY PASADENA
7	ROSE BOWL 2 DAY
14	TOSS MONTHLY CONTEST
	MOTHER'S DAY
20	Armed Forces Day
21	PSS MONTHLY CONTEST *TPG INTERNATIONAL HLG
28	TPG SC2 CONTEST
29	Memorial Day (Observed)
31	TOSS MEETING 7:30 CAMERON CENTER

June	
14	Flag Day
18	Father's Day

July	
1	Dominion Day (Canada)
4	Independence Day

August	
13	TOSS MONTHLY CONTEST

September	
4	Labor Day

October	
9	Columbus Day (Observed)
29	Daylight Savings--set back 1 hour
31	Halloween

November	
11	Veterans Day
23	Thanksgiving

December	
25	Christmas

July						
S	M	T	W	T	F	S
						1
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30	31					

August						
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27	28	29	30	31		

September						
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24	25	26	27	28	29	30

October						
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29	30	31				

November						
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26	27	28	29	30		

December						
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31						