

TOSSUP 05



SWSA (SC)² Contest Results

The results from February's SWSA contest are published on their Website:—

<http://www.sc-2.org/web/notices/SWSAApr2005wn.pdf>

The results are too bulky to easily reproduce in full since they had 70 people participating (one of the largest turnouts for years?) including 6 from TOSS.

Overall results had Mike Reagan placing a close second behind Joe Wurts (2985.7 / 2984.4). (The results don't show who's flying what but I'd guess its Mike's AvA breathing down the neck of Joe's Icon.....RES / built-up vs full-house/fully molded.) Overall standings for TOSS members are:-

2	Mike Reagan	E2
13	Paul Trist	E10
16	Dave Butkovich	I2
20	Gary Filice	I4
34	Lex Mierop	E20
52	Lex Mierop	RES10
55	Mike Stern	I11

Overall class winners were Joe Wurts (Expert, SCSA), Joe Nave (RES, 4th overall, SFVSF), Pete Olsen (Intermediate, 10th overall, SWSA) and Tak Takayama (Sportsman, 17th overall, SWSA). There were 26 Experts, 13 Intermediate, 14 Sportsmen and 17 RES participants.

Toss Monthly Meeting — New Location

This was the first month that TOSS held their meeting at the new location in Moorpark and about a dozen people showed up (i.e. could find the place). The meeting place proved comfortable and was well provisioned with coffee, cake, biscuits, etc.

"Just a bunch of guys sitting around talking about sailplanes and stuff....."

A Jet Engine for Sailplanes

As a filled for this blank page and also as a way of showing where the sailplane / ultralight game seems to be heading here's some information from the Jet-RPM site. When I first saw the references to this I thought that this is just a model turbojet, but its not. Its a thrust package for full-size planes — but one that could almost fit in one's pocket.

The specification for this engine is:-

Engine Type	Single stage radial flow compressor, Turbine is a single stage axial flow
Outer diameter	130mm
Full-length	300mm
Net weight	2200g
Max. Sustainabel thrust	220N 22kg
Max. Rpm	113 000 Rpm
Idle. Rpm	30 000 Rpm
Pressure ratio	4:01
Airflow	0.46Kg/s
EGT	650C
Fuel consumption	495milli/min
Oil consumption	4% Mixed with Kerosene
Acceptable fuel types	Jet A1, Kerosene
Oil	Aero Shell 500, 4%

The engine is designed to mount being the pilot in a housing that's removable — you unclip the engine and store it separately from the plane (possibly to help with parking in trailers). The fuel is carried either in a tank in the fuselage or in part of the water ballast tanks.



The engine comes with a full management system.

Does it work? Is it manufacturable? Will it disappear into obscurity like the electric sailplane? Is this is the start of new, lower cost, planes?



March 2005 TOSS Monthly Contest														
NAME	CLASS	Glider	ROUND 1			ROUND 2			ROUND 3			TOTAL	Normalized	Yearly Flier
			Time	Landing	Points	Time	Landing	Points	Time	Landing	Points	POINTS	Points	Points
Don Northern	Open	Gemini 'S'	3:02	93	983	5:12	82	946	7:03	83	976.6	2905.57	1000.0	1000.0
Bob Swet	Open	Isoar	3:04	70	950	4:55	99	984	7:05	0	889.3	2823.29	971.7	971.7
Art McNamee	2M	Cara II	2:59	82	977	5:03	0	891	6:01	66	839.6	2707.57	931.9	931.9
Don McNamee	2M	Cara II	2:14	0	670	4:56	85	973	6:59	77	974.9	2617.86	901.0	901.0
Martin Usher	Open	Mako	3:17	10	825	5:05	28	913	3:57	0	507.9	2245.86	772.9	772.9

OK — so where did everyone go this month? Flying conditions weren't ideal — they were a bit like flying in a Santa Ana but with the wind from the West — but they were usable. [I (the editor) didn't realize there was a contest until I showed up with a plane that I hadn't flown for months.....] Better luck next month — Spring is here, the field is drying out, things are returning to normal.

On the way to the field I saw someone flying a Toys-R-Us \$6 plane that had been converted to R/C by adding four small electric motors and props. Control was by varying the motor speed. It flew well and convincingly....even in the wind.....

From (SC)² - Notes from the outgoing and new Presidents

Good day to all,

I wish to introduce you all to Lex Meirap, your new SC-2 President. Lex is a very ambitious and capable person and I am sure that under his guidance, your SC-2 will continue to grow. I wish to thank those who have given their time and efforts to the organization during my tenure, because without them, there is no way that I could have made anything happen without them. And I wish to thank all of the pilots who have participated in the events over the past 5 years that I have been a part of the organization. You made it a success.

I hope that the 2005 season is a season of good fortune with new people, more participation, the return of our lost fields with replacement fields, and an increased sense of friendship that tends to bind us together with the common goal of helping one another be better pilots and better people. Thank you all for the time you allowed me to be part of this. I'll see you at the field, and this time....you better be ready because I'm flying hard this year!

Mike Lee
SC² President 2000-2004

....and with that as an introduction, I'd like to announce our other officers elected for the 2005-2006 season:

Vice President:	Andy Thonet
Treasurer:	Larry Jolly
Scorekeeper/Statistician:	Gene Hays
Web Master:	Steve Giron

The SULA guys have acquired a new field, and should they desire to hold an SC2 contest, they can either take the rain date, or ISS has offer eone of their dates. An announcement will be made once that firms up.

There were some minor rule changes made at the meeting as well, and I will cover those in the first newsletter.

Special thanks to our outgoing President, who is leaving some big shoes to fill. Mike has done a good job stabilizing and getting us back on a growth path. I'm looking forward to building on that growth and maintaining that momentum as we march on through this year.

See you at the field!

-I

SOUTHERN SAN JOAQUIN SOARING SOCIETY 7th ANNUAL BENT WING CONTEST

- LOCATION:** Earl Warren Junior High School, 4615 Mountain Vista Dr., Bakersfield, CA
- DATE:** April 9, 2005 (**Saturday**)
- EVENT:** Precision duration thermal contest, for polyhedral sailplanes. Rudder, Elevator, Spoiler controls only. The AvA and Topaz meet these requirements. Arresting devices, skegs, teeth, etc are allowed.
- SCHEDULE:** Pilots check-in 8:00 AM to 8:45 AM. Pilots meeting at 8:45 AM. First launch at 9:00 AM.
- TASKS:** In order: 3, 5, 7, 8, and 6 minutes tasks. The last round has to start before 12:15 P.M. Scoring will be 1 point per second, with a one point penalty for each second over the task time. Landings will be full circle to a 25-foot, 25-point tape. Lawn dart landings will not be scored. Two pop-offs will be allowed with CD's discretion allowing more if circumstances warrant. Open winch by rounds but you will be called up if flying lags too much, again, at CD's discretion.
- AWARDS:**
- | | |
|--------------|---------|
| First Place | \$50.00 |
| Second Place | \$25.00 |
| Third Place | \$15.00 |
| Fourth Place | \$10.00 |
- ENTRY:** Pre-entry is encouraged but not required. Entry fee is \$10.00 for pre-entry, \$15.00 for entry at the field.
- SANCTION:** This is an AMA sanctioned contest. AMA membership is required and will be checked.
- If you have any questions, please contact the Contest Director, Jerry Tonnelli, at (661) 832 - 6048 (evenings).
Work (661) 327 - 4778 or jobpdi@aol.com.

Please make check payable to: "SSJSS" Send Entry Forms to: Jerry Tonnelli
410 Brookhaven Drive
Bakersfield, CA 93304

Entry Form

Name: _____

Address: _____

Phone Number: (____) _____ Email address: _____

Frequency: #1 _____ #2 _____ AMA Number: _____

To reach Earl Warren Junior High School in Bakersfield:

From the **NORTH**, via **Hwy 99**:

Take **Hwy 99** to **Bakersfield**; get off at the **White Lane** exit. Turn **RIGHT**; follow **White Lane** for 4.7 miles to **Mountain Vista Drive**. Turn **LEFT**, staying to the left, drive .9 miles to **Trailblazer Drive**, turn **right** and park in the parking lot or along Trailblazer Drive.

From the **SOUTH**, via **Hwy 99**:

Take **Hwy 99** to **Bakersfield**; get off at the new **White Lane** exit. Turn **LEFT**, follow **White Lane** for 4.7 miles to **Mountain Vista Drive**. Turn **LEFT**, staying to the left, drive .9 miles to **Trailblazer Drive**, turn **right** and park in the parking lot or along Trailblazer Drive.

Pilot,

The grass field is approximately 900' long and 550' wide with a 6' high cyclone fence on three sides. Outside the fence are two rows of houses and then open land. Landing outside the fence or east of the grass field will score you a zero round. East of the grass field is the school, drinking fountains and **restrooms**.

The distance to the turn around is a little more than 550' and usually right into the wind.

If you come the night before, try some of Bakersfield's famous Basque food.

Hope to see you, and thanks for your support,
Jerry Tonnelli

SC² Thermal Duration Contest Sunday, April 24th, 2005

Las Palmas Middle School,
641 N. Lark Ellen Ave, Covina
A Smoke Free Facility



Sign Up: 8:15 AM Entry fee \$10
Pilots Meeting: 9:00 AM Contest: 9:15 AM

Precision Duration: 4 Rounds. AMA Sanction; Open-444 and RES

Task; Rd 1: 4 Min., Rd 2: 5 Min., Rd 3: 8 Min., Rd 4: 7 Min.
Flt pts. 950 pts Max. per Round (3800 Flt pts Max)
Flight points and over/under penalty are linear.

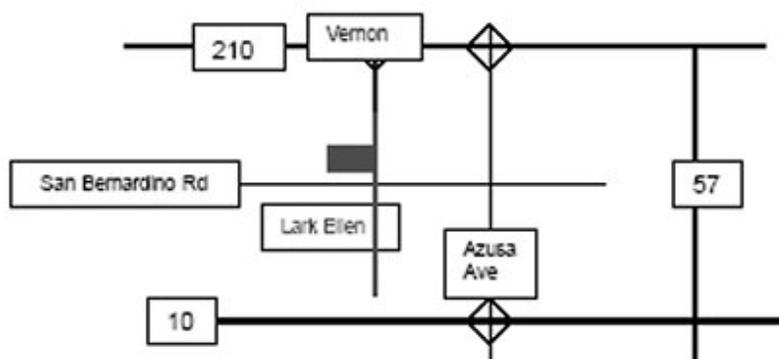
Tape Landing: 50 Pts Max Per Rd. Field area – Mowed grass

12-volt winches with retrievers, approximately 500 feet to turnaround.
Batteries will be charged during the Contest.

Trophies for 1st 2nd & 3rd, Ea Class: Expert, Intermediate, Sportsman, and RES.
Cold Bottled water & Soft drinks available.

Valid AMA membership card required. All AMA and SC² rules apply.
Landings must be within the field-fenced area and below Berm, (North boundary) for flight points. Please, set-up shade canopies & lawn chairs on grass or cement only. Public restrooms within ½ mile.

CD: Frank Corsaro, 909 984-4978, (Alt CD, Pete Olsen).
SWSA Pres. Ron Adams 626-967-2006



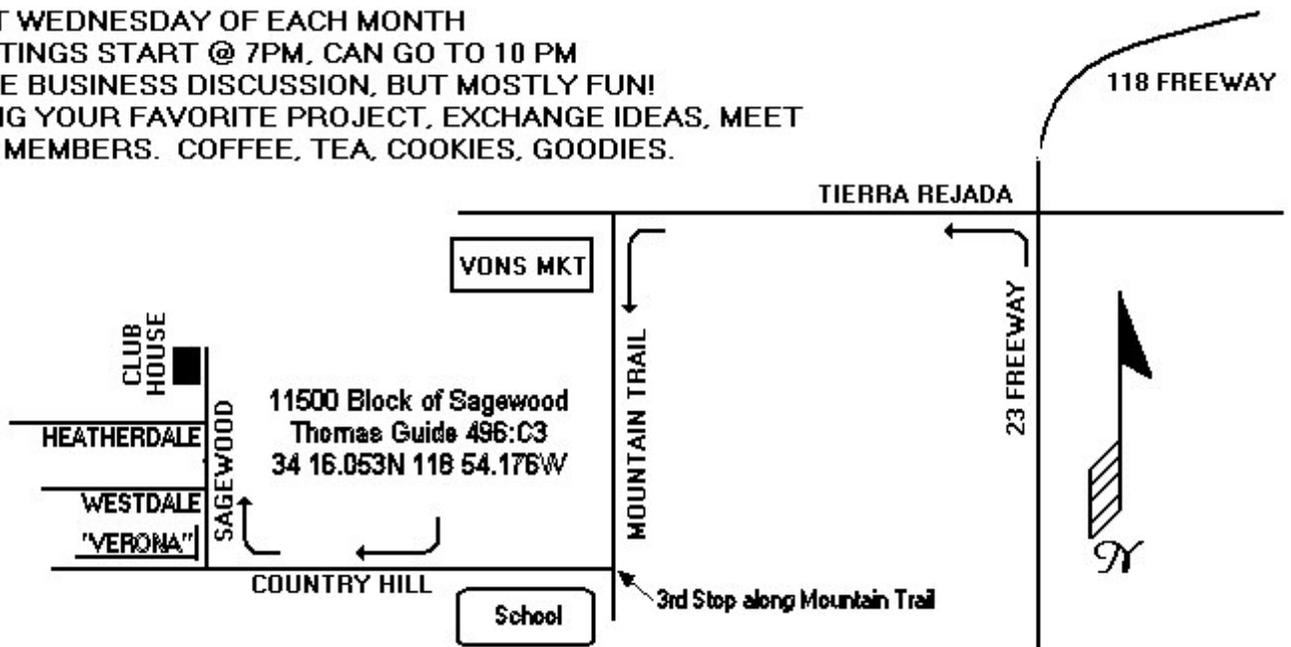
visit web site, <www.swsa.8k.com> (Map detail, field photos and more)

Next Meeting: Wednesday, March 30th at Sagewood

(SC)2 Contest: Sunday April 24th at SWSA (Covina)

Club Contest: Sunday, April 17th at Redwood

- ▶ LAST WEDNESDAY OF EACH MONTH
- ▶ MEETINGS START @ 7PM, CAN GO TO 10 PM
- ▶ SOME BUSINESS DISCUSSION, BUT MOSTLY FUN!
- ▶ BRING YOUR FAVORITE PROJECT, EXCHANGE IDEAS, MEET THE MEMBERS. COFFEE, TEA, COOKIES, GOODIES.



Thousand Oaks Soaring Society

Martin Usher

3081 Roundup Circle,

Thousand Oaks, CA91360

