

3rd Annual Bent Wing Contest - Southern San Joaquin Soaring Society

(Held at Bakersfield, California on April 22, 2001)

TOSS was well represented at this contest with Don Northern (Stretched Gemini), Bob Swet (Isoar), Mike Reagan (Salsa) and Edgar Weisman (Red and Green) flying their BUBW gliders. Our cheering/support group consisted of Charles Babcock.

We arrived at Earl Warren Junior High School in the usual car pool fashion. The day was clear, winds were light and a slight coolness filled the air. There were about 20 pilots ready to prove the piloting skills. New construction surrounded the field providing much exposed dry earth. The winch and retriever were mounted on a small trailer with a similar back-up trailer nearby. Four 12V batteries in parallel and a small generator provided the power. Our tasks were five rounds (3, 5, 7, 8 and 6 minutes @ 1 point per second with a 25 foot/25 point grass landing zone). Different from years past, the landing approach was rotated 90 degrees. So now longer did you have to fly final over the fence and between the trees, it was over a fence (much further away) and near a dirt berm. Don't get me wrong, this is a much better approach.

Unlike last year, there was lift on this day. You might have had to struggle once or twice, but there was good thermals available some of the time. The winch

was powerful with virtually no line stretch so getting aloft was not a problem (not over stressing the wing was). Two gliders did meet their demise during launch. One had a wing stick vertically into the ground by its wing rod. It was quite a sight to be seen (sort of like dropping a coin and having it land on its edge). A third glider suffered some damage when its nose cone (holding over 5 ounces of lead, causing the CG to move rearward by several inches) fell off during landing approach.

There were many good pilots present. Not many chances for a minor mistake to slip by without being noticed. For the most part, it ended up being a landing contests with final standings being established by skill, luck and mother nature. Don may complain that he did not finish 1st due to downwind push while on final but I did give him a chance by almost overshooting the landing in the previous round.

All in all, TOSS did well. Bob Swet (1st), Don Northern (2nd) and Edgar Weisman (3rd). Cash prizes were awarded to the top four fliers. As part of the celebration of their performances, Bob and Don treating the rest of the group to lunch at a local restaurant.

The next BUBW contest is at Visalia (old field) on May 19 & 20th. This is a great, laid back, allot of fun contest. Hope to see you there.

Bob Swet.

The Digital Experiment

There's been a sharp increase in the costs of producing this newsletter in the last month or so. One way to control costs is to send out the newsletter electronically to those members who have a half-decent Internet connection. Some time after receiving this newsletter those of you who have mail addresses on file will receive a PDF (Acrobat format) file of this newsletter to see what you think of it — in theory it should look exactly the same as the printed version, in practise it may look a whole lot better because the pictures will reproduce a lot better and will be in color.

If you have a slow link, an ancient computer or otherwise don't want to receive the newsletter by wire mail me. Likewise, if you decide after receiving the letter that you'd prefer to stay on hard copy, mail me.

Its impractical at the moment but I'd like to work towards using the Web site as the primary focus of club communication, mailing out selected pages from it to those members who are not yet on line.

Editor — Martin Usher — martinusher@earthlink.net

...and now to Visalia.....

From: <LARY14@aol.com>
To: <martinusher@earthlink.net>
Subject: Visalia 2001 bent wing pics
Date: Sunday, May 20, 2001 9:04 PM

Martin, Here are some PICS for the newsletter and some info. TOSS has won the team trophy 2 out of the last 3 years. Don McNamee, Don Northen , Bob Swet, Art McNamee and Larry Jimenez flew for TOSS. The top four individual scores are combined and the highest combined total wins the team trophy. This years top four are Don McNamee, Don Northen , Bob Swet and Art McNamee these four will have free entrance into the "Visalia Fall Festival " held in October. Hopefully someone has the official complete scores and places.

Larry

PS Please place a notice in the newsletter stating that if any new members want a TOSS name tag to email me or call and let me know if they want one. The cost is \$6.50 each. I need the money before ordering. (805) 652-1937 or Lary14@aol.com



The TOSS Team posing with trophies.....(picture Larry J.)

Bob Swet's report on the contest is on the next page

TOSS takes Team Honors at CVRC BUBW Contest.

CVRC held their annual BUBW contest on May 19 & 20 at their old field. This was to be the last major contest at the field which leave we all came to love/hate. For those who have flown there before, the landing approaches were opposite the pit area. Construction had modified the old landing approach (dirt area) with a huge hole and an equal size dirt mound adjacent. As usual, CVRC hosted another fantastic contest which all 48 (42 open, 6 juniors) contestants enjoyed. They really bent over backwards to keep it fair and fun. Trophies to be awarded to top 7 open, Top 3 junior, Top team (4 members, besides the plaques there is free a entry into the Fall Soaring Fest if they fly RES class) and Top junior/Senior team.

We arrived Friday, a strong breeze was blowing as usual. Don and Art McNamee practiced flying/landing while Don Northern, Larry Jimenez and Bob Swet took a tour of the new field located about 1¼miles away from the current field. It will be a fantastic flying site when completed. The site is about 40 acres with larger vendor facilities, landing and parking areas. All grading is done, grass is planted, electricity installed, launch area just needs winches and retrievers to be mounted. CVRC will have much to brag about but it has come with an expensive price tag. Donations are being requested to help cover the costs.

Saturday - Tasks were 3,5,7 with 20 foot landing circles scored as in/out. One point per second, over or under. Landings were worth 25 points. The usual down wind breezes persisted all morning. Lift was light. Lunch break, cooked up by Chef Dwayne Sanford, was served around noon. This was a

mandatory break giving everyone a chance to relax. After lunch, another 5 minute round was on the schedule. The breeze continued to pick up it's strength making chasing thermals a must. Afterwards, the pilots voted for a 9 minute round in hopes that those not doing well could catch up. By day's end, Bob was in second, Don M. was in 4th and Art was not too far behind. The Lift Gods had bitten Don N. and Larry. With called flight order, your flight times are sometimes at the mercy of the gods. Everyone had flown very well with no mistakes. It was just that the scores may not have reflected such.

Sunday - Tasks were 3, 6, 8 with 25 foot landing tapes. Again, one point per second but landings were worth a maximum of 100 points. The breeze was light. Lift was light, sink was horrendous at times. All team members tried their hardest but some were smitten including your truly.

Final Standings -

Top Open Finishers:-

Joe "Reflight" Nave (1st), Bob McGowan (2nd), Don McNamee (3rd), Bob Swet (6th)

Top Junior Finisher:-

Michael Sanford (1st)

Top Teams:-

TOSS (1st), HSS (2nd), Bakersfield (3rd)

Bob Swet

The next SC² Winch Contest is at SWSA on June 24th

(The official flier was not available at the time that the newsletter was prepared)

SC2 Contest 3 - PSS

(April 29th 2001)

(NOTE - Individual scores between 33 and 53 inclusive have been omitted so that the table would fit onto the page.)

Place	ClubName	Fliers	Score1	Score2	ScoreJ	Total
1	TORREY_PINE_GULLS	5	1000.00	986.87	986.24	2973.11
2	PASADENA_SOARING_SOCIETY	10	996.89	973.71	971.83	2942.43
3	HARBOR_SOARING_SOCIETY	6	984.36	983.73	966.82	2934.91
4	SILENT_WINGS_SOARING_ASSOC.	14	989.97	973.71	968.70	2932.38
5	THOUSAND_OAKS_SOARING_SOCIETY	9	977.57	968.90	967.97	2914.44
6	INLAND_SOARING_SOCIETY	7	998.77	959.30	954.34	2912.41
7	EL_DORADO_SILENT_FLYERS	7	975.14	968.82	955.56	2899.52
8	SOARING_UNION_of_LOS_ANGELES	4	988.75	956.17	945.06	2889.97
9	SANTA_CLARITA_SOARING_ASSOC.	2	986.24	963.68	0.00	1949.92
10	ALISO_VIEJO_THERMAL_SOARERS	1	976.84	0.00	0.00	976.84

Place	Name		Club	Class	Raw	Normal	Trophy
1	GEORGE	JOY	TPG	MASTER	3990.00	1000.00	M1
2	MIKE	LEE	ISS	MASTER	3985.10	998.77	M2
3	RICHARD	BURNS	PSS	MASTER	3977.60	996.89	M3
4	EDGAR	VERA	SWSA	EXPERT	3950.00	989.97	E1
5	CRAIG	TOWNSEND	SULA	EXPERT	3945.10	988.75	E2
6	FRED	SAGE	TPG	MASTER	3937.60	986.87	
7	LOWELL	NORENBERG	SCSA	EXPERT	3935.10	986.24	E3
8	MIKE	SMITH	TPG	MASTER	3935.10	986.24	
9	MARK	TAYLOR	HSS	EXPERT	3927.60	984.36	
10	JOE	RODRIGUEZ	HSS	EXPERT	3925.10	983.73	
11	MIKE	REAGAN	TOSS	MASTER	3900.50	977.57	
12	JOE	NA_VE	none	EXPERT	3900.00	977.44	
13	FRANK	CHASTELER	AVTS	SPORTSMAN	3897.60	976.84	S1
14	KEITH	MILLETT	EDSF	SPORTSMAN	3890.80	975.14	S2
15	KEITH	KINDRICK	PSS	MASTER	3885.10	973.71	
16	MIKE	MORJOSEPH	SWSA	EXPERT	3885.10	973.71	
17	TONI	STARK	PSS	EXPERT	3877.60	971.83	
18	MYLES	MORAN	TOSS	EXPERT	3865.90	968.90	
19	JOHN	BIKLE	EDSF	EXPERT	3865.60	968.82	
20	TOM	FINCH	SWSA	SPORTSMAN	3865.10	968.70	S3
21	BILL	WATSON	none	EXPERT	3865.00	968.67	
22	CRAIG	GREENING	none	SPORTSMAN	3862.90	968.15	
23	GARY	FILICE	TOSS	SPORTSMAN	3862.20	967.97	
24	EDGAR	WEISMAN	TOSS	EXPERT	3861.80	967.87	
25	MICHAEL	STERN	TOSS	EXPERT	3860.00	967.42	
26	BOB	SWET	TOSS	3-F	3858.80	967.12	3-F-1
27	BEN	CLERX	HSS	MASTER	3857.60	966.82	
28	ENRIQUE	ARANCE	SWSA	SPORTSMAN	3850.80	965.11	
29	FRANK	LEPPLA	PSS	EXPERT	3847.80	964.36	
30	LEX	MIEROP	TOSS	SPORTSMAN	3847.60	964.31	
31	ART	CHMIELEWSKI	none	SPORTSMAN	3845.40	963.76	
32	JOHN	ERICKSON	SCSA	SPORTSMAN	3845.10	963.68	
54	BROWNE	GOODWIN	SULA	3-F	3563.70	893.16	
55	STEVEN	GARLAND	ISS	MASTER	3521.10	882.48	
56	DAVID	FARLESS	PSS	3-F	3465.90	868.65	
57	RICHARD	ROSENTHAL	EDSF	SPORTSMAN	3381.00	847.37	
58	NICK	BUZOLICH	HSS	SPORTSMAN	3311.70	830.00	
59	GENE	HAYS	SWSA	3-F	3288.50	824.19	
60	TOM	WATSON	SWSA	SPORTSMAN	3274.10	820.58	
61	HOWARD	LITTLE	SWSA	3-F	3142.30	787.54	
62	JAY	SIREN	SWSA	SPORTSMAN	3072.90	770.15	
63	DON	RICHMOND	TPG	EXPERT	2810.60	704.41	
64	DAVE	SCHWENINGER	PSS	SPORTSMAN	2635.60	660.55	
65	EBER	GRAHAM	SWSA	SPORTSMAN	2634.10	660.18	
66	GEORGE	GOMEZ	ISS	SPORTSMAN	2606.40	653.23	
67	JIMMY	KOOPMANS	EDSF	SPORTSMAN	2228.80	558.60	
68	ART	MCNAMEE	TOSS	3-F	2040.30	511.35	
69	DON	SCHENK	none	SPORTSMAN	1407.90	352.86	
70	CRAIG	BOISTELMANN	TOSS	SPORTSMAN	0.00	0.00	

International Hand Launch Glider Festival 2001

The Torrey Pines Gulls and MULTIPLEX USA, the host sponsor, invite you to participate in the 8th annual International Hand Launch Glider Festival (IHLGF) on June 2 - 3, at the TPG Poway Flight Center, located in Poway (San Diego), California.

With a majority of the outstanding field of 85 pilots from last year returning, the 2001 version of the IHLGF should enhance its reputation as a world class event and one of the premier HLG events in the world. We invite you to join in the fun of this history-making event.

With all the hoopla over the F3F (FAI HLG) Class all but gone, the IHLGF will go on doing what it does best... flying tasks and rules that make sense while challenging the pilot and his plane. Speaking of planes, it appears that those visionaries like Dick Barker and Jim Pearson who entertained us in the past with their small HLGs that are grabbed by a wing-tip and launched with a spinning, discuss style launch (DSL) may just have the last laugh. Recognizing the apparent advantages of this style of launching, such HLG icons as Joe Wurts have been busy trying to incorporate this throwing style with a plane that would be highly competitive. It appears he, and others, have been successful in their attempts. We fully anticipate half of the entries to be using a DSL-type plane.

The IHLGF will be the first major contest to witness the effectiveness of this "new" style of launching. The only new rule that will be unveiled at the IHLGF 2001, is what we call the "Zero Tolerance Rule." For the sake of safety, any pilot who hits another pilot with his plane while launching will receive a "0" for the round. We firmly believe that, in any case, it is in the pilot's best interest to make sure that he will have a sufficiently clear space to launch his plane without causing damage to his plane or anything/anybody else.

There will be four classes of pilots again this year: Open; Senior (16-19); Junior (15 and under); and Eagle (50 and better). Each class will have their own set of awards. Open class will have awards through 10th place and the Junior, Senior and Eagle classes will have plaques through 3rd place. By popular demand, there will be no separation of the Junior and Eagle classes from the Senior and Open classes. In short, all pilots will have the opportunity to compete against each other during the ten rounds of open competition. As such, each pilot must launch his/her own plane. If you qualify (age) and wish to fly in a class other than Open, you must register as such on the entry form.

Once again we will have a "throw-out" round. Your best nine out of ten rounds will be used to calculate your score. The top ten Open class pilots will be in the Championship Fly-Off and will carry their adjusted scores into the Fly-Off.

One of the things that make the IHLGF so special is the social aspect. We begin Friday evening with a "Post Practice Social" at the local Mexican restaurant. Saturday evening we have an old fashioned "all you can eat" Pizza Party planned at Round Table Pizza in Poway.

The field will be available beginning Thursday, May 31, for practice. Toilet facilities will be available beginning Friday. RV parking is allowed at field, however, there are no hook ups.

For complete information on the IHLGF, local hotels, car rentals, maps, and a wealth of other information, please visit the TPG web site at www.torreypinestgulls.org. If you have any questions please give me a call at (619) 725-5434 or e-mail me at Scharck@kw.com

Ron Scharck
IHLGF Registrar

Please do not mail your completed entry form and check before April 1

International Hand Launch Glider Festival 2001

Schedule of Tasks

Saturday Round	Window	Throws	Objective
1	10	Unlimited	The most number of flights in the following sequence: :10, :15, :20, :25, :30, :35, :40, :45, :50, :55, 1:00, 1:05, 1:10
2	8	Unlimited	Eight longest flights - one minute max time per flight
3	8	8	Total time - two minute max time per flight
4	10	Unlimited	A one, two, three, and four minute flight (any order)
5	10	8	Total time - three minute max time per flight
6	8	Unlimited	Four longest flights - two minute max time per flight

Sunday Round	Window	Throws	Objective
7	8	Unlimited	Most flight time from increasing flights. Must have at least 3 flights. First flight must be at least 15 sec. To receive credit for a flight it must be longer than previously credited flight.
8	8	Unlimited	Three longest flights - three minute max time per flight
9	10	Unlimited	A one, two, three and four minute flight (any order)
10	10	6	Five longest flights - two minute max time per flight

Championship Fly-Off - Top Ten Competitors

Round	Window	Throws	Objective
11	5	6	Five longest flights, one minute max time per flight
12	10	8	A one, two, three and four minute flight (any order)
13	10	6	Five longest flights, two minute max time per flight

Rules

1. This is an AMA sanctioned event. AMA rules will apply except time will be truncated.
2. Heats will be posted in advance and announced as a courtesy. Pilots are responsible for knowing which heats they are in, and for being ready on time.
3. All heats will be flown man-on-man and scores will be normalized for each group.
4. Flight time commences when the model leaves the hand and ends when the model comes in contact with any land based object, including people. Time will be truncated. No rounding.
5. There is no restriction on the number of planes a pilot may fly during a round or the contest, **provided all planes are on the assigned frequency.**
6. All launches and landings must be made within the field boundaries in order for flight time to count. The field boundaries will be clearly defined.
7. Any launch made before the official launch buzzer starts will not count. Any landing that occurs after the official landing buzzer stops, will receive a 50% penalty toward the flight points for that flight. Field judges will be the final word on launches, landings and field boundaries.
8. Mid-air collisions will receive no refight consideration. Pilots should observe "Blue Sky" rules.
9. All pilots must launch their own plane.
10. Warm-up and test flights will only be allowed between heats.

**Southern California Soaring Clubs
Torrey Pines Gulls
Hand Launch Glider Contest
May 5, 2001**

Class	LastName	FirstName	Round1	Round2	Round3	Round4	Round5	Round6	ThrowOut	Total	Norm
Expert	Markiewicz	Arthur	1000.00	1000.00	995.74	1000.00	1000.00	949.58	949.58	4995.74	1000.00
Expert	Ericson	John	1000.00	846.15	1000.00	1000.00	981.26	1000.00	846.15	4981.26	997.10
Expert	Watson	Bill	1000.00	868.78	995.68	981.32	998.30	1000.00	868.78	4975.30	995.91
Expert	Norsworthy	Greg	916.67	990.61	1000.00	974.23	656.95	1000.00	656.95	4881.50	977.13
Expert	Joy	George	909.09	943.44	923.24	987.97	1000.00	484.59	484.59	4783.74	953.58
Expert	Seigel	Nowell	909.09	843.89	965.88	968.16	998.30	795.52	795.52	4685.33	937.87
Expert	Schulte	Paul	833.33	1000.00	1000.00	824.74	938.25	894.50	824.74	4666.08	934.01
Sportsman	Krainock	J	818.18	821.60	953.09	977.66	979.56	894.61	818.18	4626.52	926.09
Expert	Tom	Clarkson	833.33	833.33	825.16	1000.00	944.74	924.37	825.16	4535.78	907.93
Sportsman	Gomez	Manny	909.09	967.42	930.89	814.94	775.40	809.63	775.40	4431.97	887.15
Sportsman	Richmond	Don	636.36	805.43	924.08	794.57	993.19	813.73	636.36	4330.99	866.94
Expert	Lee	Mike	833.33	869.67	745.14	819.59	1000.00	786.70	745.14	4309.29	862.59
Expert	Meirop	Lex	833.33	941.31	388.29	891.34	870.53	717.89	388.29	4254.41	851.61
Expert	Warner	Garth	909.09	730.05	894.17	587.63	950.09	479.36	479.36	4071.02	814.90
Sportsman	Hurd	Stephen	727.27	734.74	726.68	977.53	859.18	633.05	633.05	4025.40	805.77
Sportsman	Throop	Terry	818.18	538.46	917.93	930.71	691.62	579.83	538.46	3938.27	788.33
Sportsman	Merritt	Glen	818.18	809.52	886.99	451.61	639.79	617.65	451.61	3772.14	755.07
Expert	Porter	Sean	750.00	902.26	850.33	594.50	663.81	600.92	594.50	3767.31	754.10
Expert	Watson	Tom	545.45	706.77	823.03	795.88	843.14	588.24	545.45	3757.05	752.05
Expert	Anderson	Carl	636.36	685.45	786.18	887.95	749.57	467.79	467.79	3745.50	749.74
Sportsman	Fedder	Frank	166.67	764.41	850.33	522.92	575.76	694.95	166.67	3408.37	682.26
Expert	Anderson	Paul	909.09	1000.00	715.84	0.00	0.00	0.00	715.84	1909.09	382.14
Sportsman	Goodwin	Browne	363.64	0.00	0.00	0.00	0.00	0.00	0.00	363.64	72.79

.....and finally

Doubtless most of you will have seen the article and subsequent letters in *Model Aviation* about park fliers and the reaction to comments to the effect that "being electric (i.e. doesn't make a 90dbA+++ racket) hides them from *serious* modellers". Electrics are real, of course. Many of you will recall the note I wrote on the Antares electric motorglider that's been build by Lange Flugzeugbau about the time that it started test and demonstration flights. Lange is continuing to develop and demonstrate it and their work is showing some fruit (although like Mike Regan's EV1 the engineering seems to be nothing short of heroic to achieve the result of some fairly ordinary performance).

Their current performance envelope assumes a lightweight pilot (70Kg), which is probably a bit unrealistic for most Americans. With this pilot they can achieve a 4.3meter/sec (885ft/min) average climb rate for a total altitude gain of 3020 meters (a little under 10,000 ft) to take the battery through one discharge cycle. They expect to get four typical launches from each battery cycle and the battery takes 8 hours to recharge. The battery will last 1500 discharge cycles or 11 years, whichever comes sooner. They (tactfully) don't mention the cost of a replacement battery.

Its getting there but I think it will be some while before electric motorgliders are commonplace. (Ed)