
TASK

Official Newsletter of the Southern Ontario Glider Group Inc.

Volume 19 Issue 1

February 2003



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Flying and other mysteries of the Winter Building Season!

This will be a short newsletter as a short trip to England reduced the amount of time available to prepare many articles of interest.

My Uncle Albert had a theory that space was warped and that this theory could be proved very simply by organizing a contest to fly model gliders indoors and so asked the SOGGI Club to Just Do It.

Attached to this Newsletter will be some ideas for designs for the indoor contest – thanks to Bob Hammett, Bill Woodward and Ken Lockwood – but feel free to design your own. The main thing is to come down and Fly!

Our best wishes go out to Werner Klebert - at the last meeting he was sporting the scars from a Carple Tunnel Syndrome Op – who went in for surgery on Jan 23rd. Hope you are feeling better Werner!

MINUTES OF SOGGI MEETING DEC. 8, 2002

The meeting was called to order by Stan Shaw at 2.00 P.M. There were 16 members present. Minutes of the November 9 meeting were read from the Task. Motion to accept Minutes as read Bud Wallace seconded by Bill Woodward.

Presidents Address:

Stan Shaw thanked Bud Wallace and Derek Hartwell for their service to the club. Bud has served SOGGI from the time it was formed in different capacities. Derek has been the club treasurer for the last five years. Bud and Derek were presented with plaques for their contributions to the club.

Business arising from the minutes:

Stan brought in the new high start for the club. He has made a yellow parachute. It was decided that Keith Armstrong would supply 600 feet of yellow line for the high start. Keith said he would make up a reel for the line and supply a 12-inch hold down spike. The final cost of the high start was \$168.00.

Werner Klebert will pick up the club winch from Schouten's barn. The battery donated by Peter Aston was not considered to be useable for this new season. The club will have to purchase a new battery for the coming year.

Werner Klebert will look into purchasing a sign with the club logo on it. Dick Colley said he would get an estimate and supply the club logo on a floppy disc to the printing company we decide to use.

New Business:

Stan suggested we have an indoor free flight contest at the March meeting. Bring a glider design on an 8 x 10 sheet of paper for the January meeting. All designs would be published in the Task. Contest criteria longest flight and hit the target. Contest rules to be finalized at the Jan. Meeting.

The topic of a frozen finger day was discussed only three members showed any interest.

Treasurers Report:

A new bank account will be opened at the CIBC Bank on the corner of King St. and Sydenham Rd. in Dundas.

Contests:

NOTE: The date for the Big Bird Bash will be changed to Sunday Aug. 31 Due to conflicting dates with COGG and the Labor Day holiday.

The F5J LMR contest will be a closed contest for club members only for this year. By a show of hands all were in favor. Mike Thomas will be asked to attend the next meeting to discuss rules and glider design for this contest.

Discussions of proposed F5J limited motor run glider contest rules and speed 400 glider design were tabled to the Jan. 2003 meeting.

SHOW AND TELL:

Bud Wallace brought in the plans for the Mini Challenger. Bud had built a Miss America, which he brought to the meeting. It had a Speed 400 motor and a 2.3:1 gear box turning a 10 x 6 prop with 6 cells. The Miss was covered with silk and doped.

Bob Thayer had an electric 60 inch Astro Hog. It had a geared motor driven by 14 cells with an 11 x 7 prop. This is a tail dragger.

Bob Hammett had a free flight Sparky manufactured by Comet. This is a free flight rubber powered plane. Powered with 3/16 flat rubber and a 10 x 10 prop. The fuselage is bigger to accommodate the strands of rubber. The De-thermalizer is set at 45 degrees this causes the plane to float down to a soft landing. The tail incidence is set with a jacking bolt. The rudder has a jacking bolt to set the rate of turn. The right wing has a built in twist to give a right hand turn Bob used Chinese paper and dope to cover the model. The dope was 50/50 nitrate with 3 coats on the balsa to act as an adhesive. Finally 3 more coats of dope to finish the model after decals were added.

Bob said he keeps his spare rubber in the freezer until he is ready to use it. He also uses Son Of A Gun to lubricate the rubber.

Werner Klebert said he had three planes for sale

1: Sophisticated Lady \$85.00

2: Night Hawk \$150.00

3: Windfree \$110.00

Motion to adjourn Bud Wallace seconded by Werner Hildesheim Meeting closed at 3.30 P. M.

MINUTES OF MEETING, JANUARY 12TH 2003 AT ROCKTON LIBRARY

The meeting opened with 17 members present.

President Stan Shaw welcomed all members to the 2003 flying season, expressed the hope that Santa had been good to all, and forecast a busy and interesting flying season.

Stan Shaw read the minutes of the December meeting. Motion to accept the minutes as read proposed by Bill Woodward, seconded by Derek Hartwell. Motion carried

Business arising from the minutes:

Werner Klebert presented some samples of possible materials to be used to make a Club sign. They were Celltec in white and blue, and Coreplast in white. Discussion followed as to the requirements for the signs - one to be a permanent field sign (as requested by Ben Schouten) to state SOGGI/Members Only/Visitors Welcome, the other sign (in the style of an A-frame real estate sign) to be used on Contest days to aid visiting competitors locate the field more easily. Also a KEEP OFF THE GRASS sign is required.

Motion to proceed with the acquisition of the signs made by Bud Wallace, Seconded by Keith Armstrong. Motion carried

Indoor Glider Event

Copies of a proposed Design (complete with building instructions) furnished by Bob Hammett were distributed to all members present by Dick Colley. Bill Woodward had plans for a Lunak LF-107 (and also a sample already built and ready to fly). Ken Lockwood had also some plans available. Copies of the plans will be included in the next Task for any member not present at the meeting.

Bill Woodward proposed a couple of rules for the contest - Entrance fee of \$2.00 and Two classes - Scale and Open.

Further discussion ensued as to the goal of the event - a target on the wall or on the floor (pie shaped).

Other rules proposed - Balsa Planes only, Max wingspan 20" and three tries to hit the target.

Thirteen members present indicated that they would enter the contest.

Treasurer's Report

Derek Hartwell gave a summary of current financial status. A Balance of \$1,658.00 for the year ending 2002, 25 members are paid-up, and noted that the purchase of gravel for the driveway in the spring constituted the major item of expense for the club in 2002.

Keith Armstrong - the new Treasurer - asked that Bob Thayer act as Auditor for the 2002 financial year.

F5J LMR Rules:

Contest limited to club members this year, so that any bugs can be ironed out in running such a contest for the future

Stan Shaw read through the proposed set of rules and then invited discussion on those rules. The following points were raised:

Battery Capacity - limit not required - as more capacity incurs a greater weight penalty

Electronic Brake - not mandatory but advisable

The drive system **MUST** be a **FUSED** circuit

Stan Shaw then invited Mike Thomas to share his knowledge and thoughts on the things to consider when designing/building a plane for this contest:

Build **LIGHT** but strong - Those that attain the greatest height after the motor run will stand the best chance of having the best flight

Be aware of the wood that you use - Balance the plane laterally by careful selection and application of materials, consider the relative merits of the shear web designs, don't over-glue, use light but strong covering, and take extra care when landing.

Stan Shaw summarized the changes proposed for the proposed rules and agreed to revise the draft for the next meeting.

Motion to adjourn the meeting, proposed by Bud Wallace, seconded by Derek Hartwell

Meeting closed at 4.00pm

F5J STYLE LIMITED MOTOR RUN GLIDER COMPETITION FOR SPEED 400 SAILPLANE CLASS

Proposed rules for SOGGI Contest May 11,2003

After further discussion at the January club meeting the following are the basic requirements:

Specifically, only the 400 sized ferrite motors (Mabuchi RS 380 Type) will be permitted and the battery pack is limited to a maximum of eight cells, Nickel Cadmium only of any size.

The model may use any suitable gearbox and propeller for a six volt Speed 400 motor or use a direct drive system. It is recommended that the electronic speed controller be fitted with a brake and a BEC system but it is not mandatory. The power system must have a fuse in the system or a speed controller that has a fuse built-in.

Any number of control functions may be used in the model.

The motor run time will be a MAXIMUM of sixty seconds.

Flight Task:

The flight task will be a 10-minute duration and landing points. The Launch Master will start the time for the group, signal the "Motor-off" point clearly, and signal the end of the flight duration at 10 minutes. The task will be flown "Man-on-Man" in flight groups of three or four depending on frequency conflicts.

Other rules are as follows:

1. The motor may be started and stopped anytime within the "Motor Run" window.
2. In all rounds, the motor run time is included in the total target time. All timers will start their watches upon a signal from the Launch Master and each timer will stop their watch as the plane ceases all forward motion.
3. One point is awarded per each second of flight, up to the target time. Any model flying or in motion after the target time, will be penalized one point per second until it has landed and ceased forward motion.
4. Timing stops when forward motion of the model ceases. Touch and goes will not stop the clock.
5. A landing in the designated circle receives 50 points. Planes must be right side up, in flyable condition with No parts shed to receive landing points. Landings are scored to the nose of the model, not the Propeller blades.
6. Landing outside the field boundaries or contacting any person during the flight will result in a zero score for that round.
7. Any motor running after the "motor-off" signal will result in a Zero flight and landing for that flight.
8. The timer will monitor motor runs, flight times and landing scores.

The odds against there being a bomb on a plane are a million to one, and against two bombs is a million times a million to one. Next time you fly, cut the odds and take a bomb.

– Benny Hill

The scientific theory I like best is that the rings of Saturn are composed entirely of lost airline luggage.

– Mark Russell

United hired gentlemen with the expectation of training them to become pilots, Northwest hired pilots hoping to train them to become gentlemen. To date, despite their best efforts, neither carrier can be considered successful.

– Ed Thompson

But the fact that some geniuses were laughed at does not imply that all who are laughed at are geniuses. They laughed at Columbus, they laughed at Fulton, and they laughed at the Wright Brothers. But they also laughed at Bozo the Clown.

– Carl Sagan

They're multipurpose. Not only do they put the clips on, but also they take them off.

– Pratt & Whitney spokesperson explaining why the company charged the Air Force nearly \$1000 for an ordinary pair of pliers, 1996.

To put your life in danger from time to time... breeds a saneness in dealing with day-to-day trivialities.

– Neville Shute, '[Slide Rule: The Autobiography of an Engineer](#)'

You will begin to touch heaven, Jonathan, in the moment you touch the perfect speed. And that isn't flying a thousand miles an hour, or a million, of flying at the speed of light. Because any number is a limit, and perfect speed, my son, is being there.

– Richard Bach, '[Jonathan Livingston Seagull](#),' 1970.

I have flown in just about everything, with all kinds of pilots in all parts of the world -- British, French, Pakistani, Iranian, Japanese, Chinese -- and there wasn't a dime's worth of difference between any of them except for one unchanging, certain fact: the best, most skillful pilot has the most experience.

– Chuck Yeager

Is there anybody out there? – Who has an article inside just bursting to get out

- We publish for free!

For Sale: Want Ads: Personals

FOR SALE: (check with Albert – some items may already be sold)

1 Klingberg Flying Wing with a JR radio, X347 receiver, batteries, Leisure 50 (Geared), 7-cell battery, and 2 servos. Minor damage. Best offer.

I can be contacted at either: (519)- 658-9495
Albert.Fund@sympatico.ca

For Sale:

Sailplane – SPIRIT Good condition, little flown. With servos – needs battery, receiver etc.
Sailplane Kit – RISER, partly built – needs finishing
Hi-Start
Heat Gun, Sealing Irons

For more details contact: Stephen Threlkeld

Phone: 905-526-9031

This could be your add here!

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The Southern Ontario Glider Group is a chartered club of MAAC

2003 SOGGI Executive

President: Stan Shaw 519-763-7111
 39-383, Edinburgh Road,
 Guelph, Ont. N1G 2K7

Vice President: Werner Klebert 905-578-9431
 59, Byron Avenue
 Hamilton, Ont. L8J 2T1

Treasurer: Keith Armstrong 905-627-4011
 219, Governors Road
 DUNDAS, Ont L9H 3J7

Secretary: Cliff English 905-522-4561
 24, Blackwood Crescent
 Hamilton, Ont. L8S 3H5

Editor: Dick Colley 905-689-7761
 101, Braeheid Avenue
 Waterdown, Ont. L0R 2H5

Deadline for April Issue of Task: March 22nd 2003

2003 Calendar of Events

● **Winter Meetings:**

- **Feb 9 Membership Meeting Rockton Library 2:00pm**
- **Mar 9 Membership Meeting Rockton Library 2:00pm**
- **Apr 13 Membership Meeting Rockton Library 2:00pm**
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SOGGI CONTEST DATES

| DATE | NAME | CONTEST | PHONE |
|--------------|-------------------|------------------|--------------|
| Sat. May 10 | CD Bud Wallace | Olympic II | 905-274-3177 |
| Sun May 11 | CD Stan Shaw | 2-Meter Electric | 519-763-7111 |
| Sat. June 14 | CD Bud Wallace | Olympic II | 905-274-3177 |
| Sun. June 22 | CD Stan Shaw | Golden Oldies | 519-763-7111 |
| Sat. July 12 | CD Bud Wallace | Olympic II | 905-274-3177 |
| Sun July 13 | CD Stan Shaw | Otto B. Club Day | 519-763-7111 |
| Sun. Aug 10 | CD Werner Klebert | 2 Meter | 905-578-9431 |
| Sat. Aug 23 | CD Bud Wallace | Olympic II | 905-274-3177 |
| Sun. Sept 7 | CD Werner Klebert | Big Bird Bash | 905-578-9431 |
| Sat Sept. 20 | CD Bud Wallace | Olympic II | 905-274-3177 |

MEMBERSHIP LIST

| | | | | | |
|-------------------|--------------------------|--------------|-----|---------|--------------|
| Keith Armstrong | 219, Governors Road | DUNDAS | Ont | L9H 3J7 | 905-627-4011 |
| *Peter Ashton | 200, Edwin Street | Kitchener | Ont | N2H 4P2 | 519-576-6750 |
| Henry Barclay | 215, Brookfield Blvd. | DUNNVILLE | Ont | N1A 2Y3 | 905-774-3542 |
| Robert Batt | 612, Blue Forrest Hill | Burlington | Ont | L7L 4H3 | 905-632-8790 |
| Dick Colley | 101, Braeheid Avenue | WATERDOWN | Ont | L0R 2H5 | 905-689-7761 |
| Cliff English | 24, Blackwood Crescent | HAMILTON | Ont | L8S 3H5 | 905-522-4561 |
| Richard Fahey | 827, Shadeland Ave., | BURLINGTON | Ont | L7T 2M2 | 905-637-5469 |
| *Fred Freeman | 511-120 Strathcona Ave N | HAMILTON | Ont | L8R 3J5 | 905-525-6509 |
| Albert Fund | 73, Beech Street | CAMBRIDGE | Ont | N3C 1X6 | 519-658-9495 |
| Bob Hammett | 183, Uplands Drive | KITCHENER | Ont | N2M 4X3 | 519-576-7636 |
| Derek Hartwell | 39, Isaac Brock Drive | Stoney Creek | Ont | L8J 2P1 | 905-578-7991 |
| Werner Hildesheim | 4, Foster Crescent | CAMBRIDGE | Ont | N1R 4R1 | 519-623-2663 |
| Kevin Intini | 16, Blackwood Cres., | HAMILTON | Ont | L8S 3H5 | 905-546-5307 |
| Steve Jankowski | 1403, Greenbriar Drive | OAKVILLE | Ont | L6M 2A1 | 905-825-3647 |
| Werner Klebert | 59, Byron Avenue | STONEY CREEK | Ont | L8J 2T1 | 905-578-9431 |
| Otakar Koprnicky | 75, Hazelwood Crescent | CAMBRIDGE | Ont | N1R 8A4 | 519-740-9504 |
| Herb Lentfer | 23, Walsh Court | BRANTFORD | Ont | N3T 5Y1 | 519-753-2856 |
| Jack Linghorne | 55, Angelsey Boulevard | ISLINGTON | Ont | M9A 3B8 | 416-233-0230 |
| Ken Lockwood | 29, Cross Creek Blvd., | Guelph | Ont | N1H 6J2 | 519-821-9947 |
| Rob Nelson | 2078, Brays Lane | OAKVILLE | Ont | L6M 2S6 | 905-847-2954 |
| Ann Tekatch | 19, Pheasant Place | Hamilton | Ont | L9A 4Y4 | 905-575-5433 |
| Bob Thayer | 4108, Millcroft Park | BURLINGTON | Ont | L7M 3V9 | 905-336-3290 |
| Mike Thomas | 61, Alhart Drive | ETOBICOKE | Ont | M9V 2N1 | 416-748-2833 |
| Stan Shaw | 39-383, Edinburgh Rd. S | GUELPH | Ont | N1G 2K7 | 519-763-7111 |
| Juri Vosu | 3291, Candela Drive | MISSISSAUGA | Ont | L5A 2V1 | 905-279-9549 |
| Bud Wallace | 1060, Eastmount Avenue | MISSISSAUGA | Ont | L5E 1Z3 | 905-274-3177 |
| Stewart Watson | 26, Juanita Drive | HAMILTON | Ont | L9C 2G3 | 905-385-8214 |
| Doug Wilkins | 8448, Twenty Road | HAMILTON | Ont | L9B 1H7 | 905-679-4973 |
| Bill Woodward | 520, Pine Street | Cambridge | Ont | N3H 2S6 | 519-653-4251 |

* Honorary Members

Correction Notice:

NAME:
 ADDRESS:
 CITY/TOWN:
 POSTAL CODE:
 PHONE:
 e-mail: