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# TASK

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Official Newsletter of the Southern Ontario Glider Group Inc.

Volume 16 Issue 5

October 2000

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- History Page
- Thermal Seeking
- Membership List
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## IF YOU FLY IT.....

This newsletter – or the almost non-appearance of it - is a tribute to the triumph of the human spirit over the dark lords of MicroSoft and the nasty vicious snares that they set to trap the unwary. What caused the computer to lock-up we will never know, but we do know that it took several hours to sort out the mess. It became evident that the quickest way back was to recreate the whole newsletter from scratch. Now I understand why they call it a computer crash – just like a model plane that hits the ground at 80mph – it is much easier to rebuild than to repair.

Trip to Scotland – Early October – great time, visits to two distilleries complete with samples, wild boat trip on the Pentland Firth, an' a wee dram wi' John of Groats (Jan de Groot) at the last house and bar.



October was a great month for weather, but I missed it all – but who knows December may be quite mild!

With luck this newsletter may be ready for the next meeting, speaking of luck, the picture included shows what can happen when you leave your plane unattended. Surprisingly the car was a write-off! Car tire crushes battery pack which explodes, fracturing gas line and igniting leaking fuel, tire burns enveloping everything in black smoke, happily the plane was undamaged.

Membership Renewal Form is attached to the

Newsletter – sign up early and get the surprise Bonus Hat

**NOTES ON THE FLYING SEASON: (Or what might have been in the newsletter prior to the CRASH!)**

Launch methods - old hi-starts, winch school, and winter projects - Light winch for small planes, speed/load control for winch, landing practice aids, skills improvement drills, putting the fun back in flying.

Where to fly? Tenuous locations for sailplane flying - electric sailplanes (landing control - aileron/flap configurations, spillers, aspect ratio modification, tail feather flips a la free flight)

What to fly? Home built Vs store bought, large vs. small, simple vs. hi-tech, used vs. new.

When to fly? Often as possible, have a plan - practice landings, launches, thermal seeking, min sink styles, inverted flying, rapid descent techniques, - have fun doing it

Who should fly? - As many people as possible

Why all of the above? To celebrate the joy of victory and the agony of the feet. - Good shoes are essential, as is a good hat and really good sunglasses.

**THE SAILAIRE; DESIGN MODIFICATIONS BY WERNER KLEBERT****WRITTEN BY STAN SHAW**

When Bud Wallace and I visited Werner to see his new Sailaire, it turned out to be a very interesting and informative session. Apparently Werner has some new CAD program that enables him to plot airfoils and various designs. After some investigation he decided to run off the Selig 3021 airfoil for the new Sailaire wing. He designed the spar to have a D-box with one sixteenth sheeting top and bottom to the spar from the leading edge. The ribs would have cap strips as well.

After we finished enjoying Ruth's great coffee, Werner talked about many other changes made as the model progressed.

They were:

1. The decalage between the wing and stab was set at three degrees. This was accomplished by dropping the tail boom as it was mated to the nose cone. The incidence was checked with an incidence meter to double-check the accuracy. The original had four degrees but with the Clark Y airfoil it was more like seven degrees! No wonder the original flies slow.

2. While setting up the fuselage Werner checked the diagonals off the wing dihedral breaks and with the stab, ensuring that the fuselage is centered and true with the wing. This involves measuring from the wing break to the back of the fuselage on both sides to the same measurement. This assumes that you built the wing panels the same length!

3. The rudder height was extended three inches and a spruce spar was used from root to the tip to give more support in case of flipping over the model.

4. The stab design was changed to the Pro-Runner style. Here the top of the leading edge was sheeted and the spar is tapered. The airfoil used was the NACA 009 but the root was thickened to fit the shape of the taper. The stab thickness is somewhat thicker than the original. The thicker stab gives a smoother launch and glide. The plastic control horn was also replaced with circuit board for more strength and positive control.

5. To reduce any slop in the long cables to the control surfaces, Werner used hard quarter-inch balsa square stringers and routed them out one-eighth inch deep. He glued the plastic cable into the groove. He then installed them to the fuselage and glued them to the five bulkheads for extra support. Sounds like a solid installation that should give excellent control response. We often forget that a tight system is necessary on the elevator control surfaces as it determines whether the plane flies consistently as you would expect. Minimizing the flex in the cables greatly improves the control response no doubt.

6. The new design was balanced at four and one-eighth inches from the leading edge. He used a four-cell 1200 ma pack in the nose together with ballast that totaled about twelve-oz. The lead pellets were glued in after final balancing.

7. Werner reduced the dihedral in the centre section to about one-eighth inch under each tip. The tip dihedral was left stock.

8. Werner used quarter inch wing rods, but installed three instead of the original two. Two were under the one-half by three-sixteenth inch spruce spars. The third was behind the spar. A subspar was added to support this wire. The spruce spars used in the tip panels were tapered towards the tip. Shear webs were used from root to tip.

9. Werner used Monokote for covering on the model.

Final comments Werner made:

The new design has better penetration and smoother control response than the original. He definitely recommends these modifications. He has airfoil plots for the wing ribs and stab ribs if anyone is interested.

ONE DESIGN CONTEST PHASE 3

The third event for the Bird of Time was held Sunday sometime in July 2000. The weather was still overcast but with light winds the contest was a success for six of the six fliers.

Ken Lockwood had a 6 minute plus flight to lead the way.

Ken Lockwood	676
Zivko Rizoniko	587
Keith Armstrong	565
Werner Hildesheim	468
Bud Wallace	223
Cliff English	164

Next one design contest Sunday Sept 17.



**NOVATHON Contest – AUGUST 27th, 2000**

The day did not dawn too bright for the Novathon Contest. Competitors arrived at the field to spotty rain showers, and then the wind strengthened and the rain went away. Not a great way to welcome visitors from GNATS and COGG, Three winches and a hi start were set up and the contest began. The first round showed that the hi-tech ships seem to be happier in a stiff wind, although Werner K. with his own design “Fulgita” was keeping pace. The second round, however, was the domain of the Time Birds. The wind then strengthened again and the smooth flyers with the sleek ships sailed into the lead. Tom Rabiega took top honours, followed by Joe Banial and Larry Literovich. It was remarkable that despite the high winds not one plane was lost or damaged, true testimony to the skills of the pilots who braved the day!

Keith Armstrong was the winner of the Random Generator also-rans Prize.

Novathon August 27th, 2000

Pilot	Plane	Round 1	Ldg Pts	Round 2	Ldg Pts	Round 3	Ldg Pts	TOTAL
Tom Rabiega	Sharon	444	25	291		456		1216
Joe Banial	Gripter	462		237		370	25	1094
Larry Literovich	Waco 100	322	25	299		320	25	991
Stan Shaw	Cumic	283	25	228	25	375		936
Dick Colley	Bird of Time	265		409		259		933
Mike Kucera	Pelikan	218		274		401	25	918
Werner Klebert	Fulgitta	352		319		175		846
Zivko Rizoniko	Bird of Time	290		231		317		838
Ken Lockwood	Saggitta	245		216		315		776
Keith Armstrong	Saggitta	74		269	25	240		608

**BIG BIRD BASH – SEPTEMBER 3rd, 2000**

Great day, Landing points hard to find, some mishaps – Werner’s Big Bird takes top honours – again! Werner Klebert again dominated the contest, beating out two strong competitors from COGG and GNATS. The Time Lords did not look kindly on Stan Shaw or Bill Woodward, both suffering the slings and arrows of outrageous fortune. Observation: We need to learn how to Launch on the winch and to get lots of landing practice – note the general absence of landing points

Big Bird Bash September 3rd, 2000

Pilot	Round 1	Ldg Pts	Round 2	Ldg Pts	Round 3	Ldg Pts	TOTAL
Werner Klebert	597		546		418	72	1633
Joe Banial	586	128	366	152	169	0	1401
Mike Kucera	588		179	176	295	104	1342
Keith Armstrong	337		499		322		1158
Jack Linghorne	485		356		217		1058
Fred Freeman	185		585		170		940
Dick Colley	298		216		170		684
Ken Lockwood	265		145		239		649
Derek Hartwell	133		231		148		512
Ciff English	344		78		86		508
Zivko Rizoniko	80	64	170		180		494
Bill Woodward	559		0		0		559
Stan Shaw	149		210	40	0		399

**MINUTES OF SOGGI MEETING OCTOBER 15 2000**

The meeting was called to order by Bud Wallace at 2:05 PM. There were 20 members present. Minutes of the April 9 meeting were made available. Motion by Dick Colley that the minutes be accepted. Seconded by Bud Wallace.

**ONE DESIGN CONTEST:**

Keith Armstrong motioned that the Bird of Time be used as the glider for the One Design Contest in 2001. Seconded by Bud Wallace. All were in favor motion carried  
 Modifications to the Bird Time

- 1: Plug in wings
- 2: Flaps are optional

**NEW BUSINESS:**

Albert Fund brought up the subject of a winch retrieval system. The discussion was left for a future meeting. Dick Colley suggested a One Design Electric contest. After a brief discussion no decision was rendered.

**FIELD:**

As we are not certain what the condition of the sod farm will in next year alternative field sites were discussed. Any field must be at least 3 miles from any airport.

- 1: The Rockton Community Center
- 2: Field at Fergus. Stan Shaw to look into any possibilities.
- 3: Bernies a private flying field owned by Bernie Johnston off Tynside Road. Derek Hartwell and Werner Klebert offered to check this out

**FIELD SAFETY:**

Please be aware of the air traffic at the Mount Hope airport. The air traffic has increased. If you are flying high be aware of low flying aircraft making approaches to the airport.

**CONTESTS:**

It was decided not to make up the fourth One Design Contest, which was not held because of bad weather. Zivko Rizoniko talked about normalizing the scores for the Bird of Time one design contest. After a discussion of the pros and cons it was decided to keep the scoring as simple as possible. The number of contests was discussed, it was agreed upon that the number of events be reduced. The Novathon and the Triathlon will not be run. The number of One Design Contest events was reduced to four events.

**Contest Calender:**

Club Day (Otto Bannerman)	Sunday	June 3 2001	CD Stan Shaw
Golden Oldies	Sunday	June 24 2001	CD Bud Wallace
One Design Contests	Wednesday	May 9 2001	CD Zivko Rizoniko Cliff English
	Wednesday	June 13 2001	CD Zivko Rizoniko Cliff English
	Wednesday	July 11 2001	CD Zivko Rizoniko Cliff English
	Wednesday	Aug 15 2001	CD Zivko Rizoniko Cliff English
Big Bird Bash	Sunday	Sept 2 2001	CD Werner Klebert

Bird Of Time Postal Contest

To be held the month of July 2001

CD Stan Shaw

FLYING ACES:

Dick Fahey thanked the SOGGI members for allowing the Flying Aces the use of the field.

Due to the condition of the field from sod removal the Flying Aces may not fly at the field in the spring 2001.

Dick also invited any SOGGI members to fly indoors at the Aldershot High School on Plains Road in Burlington.

(PLEASE MARK THE FOLLOWING DATES ON YOUR CALENDAR

Oct.21, Nov.4, Nov.18, Dec.2, Dec.16, 2000

Jan.13, Jan.27, Feb.10, Feb.24, Mar.10, Mar.24, 2001

Times are the same as other years - 1:30 to 4:30 PM. We are expected to be ready to leave at 4:30, so the custodian can finish his day and go home.

As usual, any model that can be flown indoors will be welcome. )

SHOW AND TELL

Jack Linghorn brought in two kits for sale a Bird of Time and an Olympic 650.

Jack also gave away some plans for gliders.

Stu Watson brought in a roll under cover used on hardwood floors this is good for making wing bags.

TREASURER'S REPORT:

Derek Hartwell reported a balance of \$2,300 in the club bank account.

Motion by Derek Hartwell that the \$25.00 initiation fee be left in force. Seconded Fred Freeman

Motion carried.

Derek also stated he would purchase a Gift Certificate for Ben Schouten.

Derek said he would talk to Ben about gravel for the lane way. A cost of \$1.500 was mentioned.

Meeting Closed at 3.25 PM.

**Is there anybody out there? – Who has an article inside just bursting to get out  
- We publish for free!**

# For Sale: Want Ads: Personals

**Wanted:**

Gentle Lady or similar Docile Glider suitable for beginner Pilot.  
Dust off those old collectibles and help a youngster discover the joy of soaring.

Contact: Bryn Rennie (905)-385-3365

**For SALE:**

- 1 - Multiplex Combi 80 Radio c/w 2 servos \_\_\_\_\_ \$75.00
- 1 - Viking (Old Timer) for 05Geared \_\_\_\_\_ \$50.00
- 1 - Electric Elf 48", 05Geared \_\_\_\_\_ \$75.00
- 1 - Plank Flying Wing 60" Sloper \_\_\_\_\_ \$20.00
- 1 - Genesis Flying Wing 60" Sloper \_\_\_\_\_ \$20.00
- 1 - Zip Glider 56" AE,EL,R \_\_\_\_\_ \$45.00

Contact: Doug Wilkins (905)-679-4973



The Southern Ontario Glider Group is a chartered club of MAAC

## 1999 SOGGI Executive

President:	Bud Wallace 1060, Eastmount Avenue Mississauga, Ont. L5E 1Z3	905-274-3177
Vice President:	Werner Klebert 69, Byron Avenue Stoney Creek, Ont. L8J 2T1	905-578-9431
Treasurer:	Derek Hartwell 39, Isaac Brock Drive Stoney Creek, Ont. L8J 2P1	905-578-7991
Secretary:	Cliff English 24, Blackwood Crescent Hamilton, Ont. L8S 3H5	905-522-4561
Editor:	Dick Colley 101, Braeheid Avenue Waterdown, Ont. L0R 2H5	905-689-7761

**Deadline for December Issue of Task: Nov 32nd 2000**

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## 2000 Calendar of Events

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- Nov 12 Membership Meeting Rockton Library, 2.00pm
- Dec 17 Membership Meeting Rockton Library, 2.00pm
- 2001
- Jan 14 Membership Meeting Rockton Library, 2.00pm
- Feb 11 Membership Meeting Rockton Library, 2.00pm
- Mar 11 Membership Meeting Rockton Library, 2.00pm
- Apr 15 Membership Meeting Rockton Library, 2.00pm
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**TASK****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
Roy	Auwaerter	9, Jamieson Drive	DUNDAS	Ont	L9H 5A1	905-627-8496
Joseph	Baltaza	19, Gaitwin Street	Brantford	Ont	N3P 1A9	519-751-3698
Robert	Batt	612, Blue Forrest Hill	Burlington	Ont	L7L 4H3	905-632-8790
Rob	Campbell	34, Hopkins Court	DUNDAS	Ont	L9H 5M5	905-627-9435
Dick	Colley	101, Braeheid Avenue	WATERDOWN	Ont	L0R 2H5	905-689-7761
Cliff	English	24, Blackwood Crescent	HAMILTON	Ont	L8S 3H5	905-522-4561
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
Arnold	Gardner	202, San Pedro Drive	HAMILTON	Ont	L9C 2E1	905-383-4418
Don	Guthrie	RR4	Belwood	Ont	N0B 1J0	519-843-4537
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
Herb	Jenkins	238, Lloyminn Ave.,	ANCASTER	Ont	L9G 1J1	905-648-6123
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
Tom	McCann	2206, Townline Crescent	OAKVILLE	Ont	L6H 5H4	905-257-2101
Mike	Penney	388, Massey Drive	ANCASTER	Ont	L9G 3J9	905-648-5843
Paul	Penney	388. Massey Drive	ANCASTER	Ont	L9G 3J9	905-648-5843
Bryn	Rennie	22/1255 Upper Gage Avenue	HAMILTON	Ont	L8W 3C7	905-385-3365
Zivko	Rizoniko	479, Fendalton Street	MISSISSAUGA	Ont	L5B 2L8	905-275-0597
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
Walter	Tremmel	56-600 Silvercreek Blvd	MISSISSAUGA	Ont	L5A 2B4	905-270-5959
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

Correction Notice:

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

