
TASK

Official Newsletter of the Southern Ontario Glider Group Inc.

Volume 16 Issue 4

August 2000



Inside This Issue:

- Weather to Fly
- History Page
- Excursions, Diversions
- Membership List
- Events Calendar
- For Sale



IF YOU CAN FIND IT.....

This has been a strange start to the flying season, it must be the weather – there have been a couple of those rare summer like days but by and large flying has seemed like hard work.

Most of the competitive events have had to be re-scheduled and even then it was sometimes touch and go whether they would beat the thunderstorms. The Golden Oldies required two separate days to complete and the single design contests run when they can.

But, all is not gloom and doom! Last week, the GNATS Open Thermal Duration having been called off – wind and rain – Werner K. and I took a chance and went out to fly at home field. No wind, no rain and yet we were getting 5-6 min flights consistently and Werner's last flight was close to 14 mins, all this in conditions that seemed less than ideal. (Note: Werner flew his Windfree and I flew my Gentle Lady)

Last weekend, Don Guthrie relayed the news that Albert Fund had had Quadra By-pass Surgery at Hamilton General, we all hope and pray that Albert is recovering well and will be up and about in no time.

Stan Shaw is back! A welcome sight on the flight lines, maybe now the weather will improve.

The listed contest results are a bit disjointed. There were no date references on some of the score sheets and no contest titles so the editor's failing memory was called into action and so we have...I've forgotten what I was going to say.... Oh yes! an Alice Through the Looking Glass account of those events.

Late Breaking News

NEW FIELD: The current field is soon to be harvested, so a new location near Tyneside is available. The new field is 9.0Km from the present location – on the other side of Highway #6 just off Haldibrook Road. Follow Haldibrook Road to Tyneside Road, turn Left, then turn right at Walkers Lane (a no through road) and drive to the end. **NO PARKING ON THE FIELD!** Park on the road and haul in your kit.

On Sunday evening, Derek Hartwell, Fred Freeman and your roving news reporter popped in to visit Albert Fund at the General. We are pleased to report that Albert must be feeling better – he was out trying to lay a Hi-start down the E-W corridor - until the OR asked for the surgical tubing back.

Using a Timer Can Improve Battery Life

One of the failure modes in Ni-Cd cells is shorting. While many things can contribute to shorting one of the significant contributors is cadmium migration through the separator where it forms a conductive bridge, ultimately shorting the cell. Cadmium migration is a function of the time the charge current is flowing through the battery and less a function of the level of current.

Therefore we have found that high pulses of charge current to maintain the charge state are better than a steady low rate (trickle) current. This is very difficult to quantify as there are many other factors contributing to the life equation but improvements in battery life of 10 to 20 percent by pulse charging Vs trickle are not unrealistic.

Therefore we have found the sustaining a pack at the fully charged state by way of pulsing the charge is better than a continuous trickle charge. Some charges employ this technique. You can do the essentially the same thing rather simply and at a very low cost.

Simply connect your regular wall module charger that came with your system to an appliance timer. Intermatic makes a good unit for around \$5.00. Set the trigger pins on the timer so that it is on for 1 hour a day. When you return from a flying session turn the timer wheel so that the on off triggers come up in 14 to 16 hours. Then turn the timer knob to on. This will give your pack a full charge and then a sustaining charge for 1 hour a day. The battery can be left in this manner for a long time between flights and still be maintained at a fully charged state with minimal overcharge.

If you only fly a couple of flights, you can just set the timer so that you get 6 or 8 hrs before you go into the 1 hr. day mode. If we assume a normal 2-hr flight time for a system and you only fly 20 minutes. Then the charge you need to return is 20/120 times 16 hours, or about 3 hours.

It is good to know what your system consumes in the way of energy per minute of flight. This can be determined by first charging a pack and then discharging it on a cyclor to determine how much capacity it has - fully charged. Then recharge and go fly. Record your system on time and immediately discharge the pack when you return home. This will tell you how much capacity you have left. Let's say you fly for 40 minutes and when you discharge the pack you get 390 mAh. From your initial discharge from a fully charge pack you got 585 mAh. This would mean that you discharged 195 mAh in the 40 minutes you flew or about 5 mAh/min. From this you would know that your pack is good for 116 minutes of flight time.

The system usage will vary, depending on your flying style, size of the plane and number of servos used.

cls 5/22/97

Acknowledgement: Article thanks to C. L. "Red" Scholefield (<http://gnv.fdt.net/~redscho/welcome.htm>)

ONE DESIGN CONTEST PHASE 1

The first event for the Bird of Time was held Sunday May 21 2000. As the May 14 date was rained out, the contest was rescheduled for May 21. The weather was still overcast but with light winds the contest was a success for six of the seven fliers.

Bud Wallace had two 6 minute plus flights to lead the way.

Bud Wallace	930
Dick Colley	726
Keith Armstrong	684
Bob Batt	554
Derek Hartwell	516
Juri Vosu	362
Cliff English	0

Next one design contest Sunday June 18.

Golden Oldies Contest

The Golden Oldies was held Sunday June 11th 2000 but was called after two rounds. As the third round was rained out, the last round was rescheduled for June 30th.

golden oldies contest

name	Round 1	ldg1	round 2	ldg2	round 3	ldg3	total
Keith Armstrong	294		261		345		900
Bud Wallace	202	25	309		199	25	760
Ken Lockwood	103	25	314	25	290		757
Fred Freeman	315	25	185	25	206		756
Zivko Rizoniko	319		304		119		742
Dick Colley	121		122		398		641
Werner Klebert	90		388		160		638
Albert Fund	207	25	78		56		366
Derek Hartwell	101	25	0		0		126

Consistent Flying once again helped Keith Armstrong lead the pack, but the dogs were fighting for the next four spots, and spot landings were not so easy to attain.

ONE DESIGN CONTEST PHASE 2

The first event for the Bird of Time was to be held Sunday June 18th 2000. As the June 18th date was rained out, the contest was rescheduled for June 25th and held after the completion of the Golden Oldies Contest. The weather was still overcast but with brisk winds the contest was a success for six fliers.

Keith Armstrong	898
Zivko Rizoniko	800
Fred Freeman	842
Bob Batt	569
Dick Colley	568
Bud Wallace	442

Next one design contest Sunday July 9th.

Otto Bandman Club Day (re-scheduled from June 4th)

Werner Klebert with his beautifully prepared Sailable demolished the competition with a flying tutorial.

Zivko kept it close for three rounds but could not find the lift in round 4. Ken Lockwood and Keith Armstrong were in a dogfight for third spot. (A carry over from the Golden Oldies).

Werner once again adds his name to the Otto Bandman Trophy and the three runners up were presented with Club Day tee shirts. Some excellent flying in less than good conditions

Club Day

00-07-16

CD: Werner Klebert

Name	round 1	round 2	round 3	round 4	total
Werner Klebert	372	519	600	597	2088
Zivko Rizoniko	441	360	596	123	1520
Ken Lockwood	234	455	592	151	1432
Keith Armstrong	321	267	238	600	1426
Bud Wallace	256	322	354	312	1244
Albert Fund	327	272	178	152	929
Fred Freeman	240	129	249	228	846
Dick Colley	240	156	222	191	809
Cliff English	94	63	153	126	436

**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:

Bird of Second Time – No Impact Damage, flies like 2lbs of Epoxy Resin

For more Information Call: Harry 'Nails' Kneelson (360)-779-123

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



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 59, 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 October Issue of Task: September 22nd 2000

2000 Calendar of Events

- Aug 13 One Design Phase 4 CD Bud Wallace/Cliff English
- Aug 27 Novathon CD Fred Freeman
- Sept 3 Big Bird Bash CD Werner Klebert/K. Armstrong
- Sep 9/10 Ottawa Aerotow Contact Gudmund Thompson (613) 837-0648
- Sept 17 One Design Phase 5 CD Bud Wallace/Cliff English
- Oct 15 Membership Meeting Rockton Library, 2.00pm
- 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

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
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
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, Lloyninn 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
Stan	Shaw	39-383, Edinburgh St, S.	GUELPH	Ont	N1G 2K7	519-763-7111
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:

