

the official journal of Bathurst Soaring Club

Thermal



Autumn 2004



Contents

BSC Officers and Delegates	2
Notes from the Editor	2
From 'El Presidente'	3
Maintenance at Piper's	4
The Hutter flies for Keith	4
Advertising	5
Duty Pilots' Roster	6
Soaring calendar	6
Bathurst Soaring Club Charges	7
Membership List	8
Map to Bathurst Soaring Club	10

TNE back in the air

The new green seal engine fitted to TNE had an exhaust valve stick open when Peter Rainsford was doing an aerotow. Both the glider and tug returned to the field safely. The relevant head was removed and sent to Hawker Pacific for inspection.

On Sunday 2nd May, John Carr refitted the head and carried out the associated work of refitting the push rods, covers, spark plugs, manifolds etc.

The job was completed by the end of the afternoon in time for John Carr to test fly TNE and return it to service. Thanks go to John for all the work in getting the pawnee back into the air.

BSC Officers & Delegates

Bathurst Soaring Club ACN 000 677 565
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Committee

President	Peter Williamson
Vice-President	Keith Gateley
Secretary	Margaret Jones
Treasurer	Paul Hyman
Membership Secretary	Ian Shepherd
Flying Ventures	Armin Kruger
Compliance Officer	Richard Bull
Parachutes	Eddie Pahic
Member	Aaron Stroop
Member	Graeme Cant
Member	Alan Taylor

Other Officers

Glider Bookings	Bess Phillips
Ground Engineer	Mike Perry
Instruments	Graham Spoor
Airworthiness	Peter Newcomb
Chief Duty Pilot	Leigh Youdale
Aerotow Ropes	Brian Bailey
Airfield Co-ordinator	Joe Brown
Thermal Editor	Armin & Kathleen Kruger
Tug Maintenance	John Carr
Tug Master	Ray Humphrey
Certificates Officer	Colin Turner
BSC Website Co-ordinator	Serge Lauriou
Chief Flying Instructor	Phil Jones

Instructors

Phil Jones (CFI), Brian Bailey (AEI), Graham Brown, Robert Bull (AEI)
Paul Drew, Keith Gateley, Bob Hall, Peter Hanneman, Ray Humphrey, Nick King, Armin Kruger, Alan McGown, Lyle McLean, Matthew Minter, Eddie Pahic, Aaron Stroop, Brett Suttcliffe, David Wilkins

Cross Country Coaching Co-ordinator

Armin Kruger

Tug Pilots

Ray Humphrey (Tug Master), Brian Acker, Brian Bailey, Chris Bennett, Alan Bones, John Carr, Greg Dillenbeck, Dennis Gilbert, Peter Hanneman, Nick King, Lyle McLean, Peter Rainsford, Graham Spoor, Geoff Sweeney, Alan Taylor, Bill Tugnet, Bob Warburton

Maintenance Panel

Glider Maintenance Co-ordinator: Peter Newcomb

DG-505 (Orion):	Armin Kruger, David Ollivier
ASK13 – UQ:	Kathleen Mason, Matthew Minter
ASK13 – PX:	to be announced
Puchacz:	George Marbot, Bhup Mistry
Junior:	Nigel Gray, Ian Richards
Libelle:	Peter Gore
DG-300:	Peter Newcomb, Robert Bull

Other BSC members active in the gliding movement

Bob Hall:	President of GFA
Aaron Stroop:	NSW GFA Councillor, NSWGA Vice President, GFA Radio Officer, Southern NSW RTO Ops
Eric Sweet:	NSW Gliding Association President
Kerrie Claffey:	NSW GFA Delegate
Armin Kruger:	CFI NSW Air League Gliding
Rod Leonard:	Group Captain NSW Air League Gliding

Thermal is the official magazine of Bathurst Soaring Club.
All contributions welcome. Please send articles to the editor.
Piper's Airfield co-ordinates: 33:22.72S 149:31.11E
www.bathurstsoaring.org.au

Notes from the editor

Now that the soaring season is over there hasn't been much to write about I guess – or maybe everyone's just busy with the maintenance around Pipers.

We tried to get a write-up of the Easter comps but unfortunately lucked-out on that one. There has been a fair amount of ground activity since the last issue of Thermal. We've had the one-day wood and fabric course conducted by Len Dieckman and attended by Bill Tugnet, Peter Newcombe, Chris Bennett, Paul Drew, Chris Pappas and yours truly. It was a very informative session and one I should have attended years ago. We're hoping Len will conduct a Form 2 course later this year at Pipers.

The Suzuki has a new engine, courtesy of Keith Gateley, Phil Jones and Bob McDonald – hope I didn't miss anyone... Sarge has arranged for major repairs and a new lease of life for the bar fridge – its good to have a president with finely tuned priority management skills (sorry Bill).

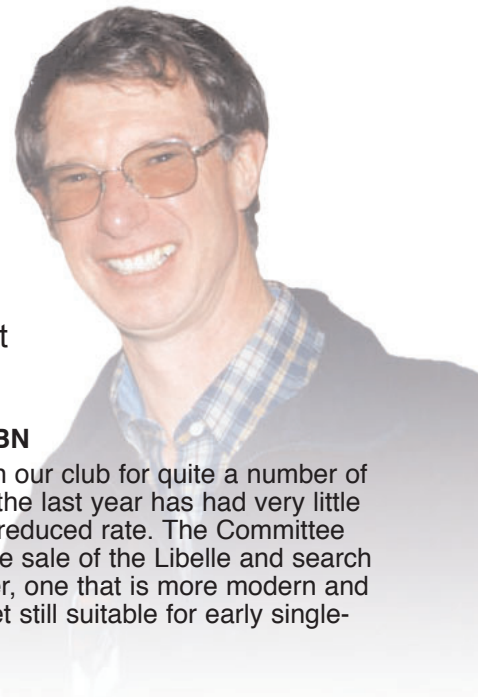
At the time of going to press, the second air-conditioner was still not functioning, but this is being looked into. Other ongoing items include the bar licencing process; this is being handled by Graeme Cant and should be complete soon. We are all very indebted to Graeme for accepting this minefield of paperwork and legislative procedures.

Richard Bull has been very busy tidying up and chasing members re the 'Child Protection Act' – please assist Richard by completing the necessary documents and returning these to the club for processing. Bear in mind that this is not a club initiative, it is a requirement placed upon us by the state government.

This year's Ridge Camp is being run by the trio – Brian Bailey, Peter Haneman and Lyle McLean; the proposed dates are 17 to 20 or 17 to 26 September. I suggest you contact either of the the 3 organisers for the final word re dates and other arrangements.

Then in another few months, the Narromine camps will be upon us. Bob McDonald is assisting again with the accomodation, and I will co-ordinate the Orion's flying. Make sure you contact the committee in plenty of time if you want to take a club machine away.

Good soaring, and see at Pipers...



From 'El Presidente'

Welcome to another issue of Thermal. The soaring season has passed for another year and now is the time to reflect on our past achievements. With winter now upon us, many think it is a time to sit back and relax, but if we want to achieve bigger and better flights next season, now is the time to start planning and preparing.

To assist you in this, the Committee has discussed running short courses, possibly on Saturday mornings. The lecturers would be the Club's experience cross country pilots. The topics would be varied, covering all aspects of cross country flying. More information will follow later.

Resignation of Peter Bowring from the Committee

Peter Bowring recently submitted his resignation to the committee after serving some 9 years on the committee. During Peter's 9 years he has fulfilled the roles of Membership Secretary and Chief Duty Pilot, and for a while undertook both roles together.

On behalf of the committee I would like to thank Peter for the dedication and devotion he has shown to the Club over those many years.

Whilst Peter will still continue to be the main contact for circulation of emails to the membership, Ian Shephard has volunteered to take over the role as Membership Secretary. I wish Ian every success in this role.

Refinishing DG300

A condition report earlier this year indicated that the gelcoat on the DG300 was deteriorating and, if left for any length of time, could result in major repairs being needed to be carried out to the glider at greater cost. The Committee decided to seek quotations from a number of specialists in this field and a quotation from Roger Bond for \$9,500 was accepted. The glider was towed to Brisbane after the Easter Weekend by Peter Bowring (thanks once again Peter). The glider is expected to be back at Pipers by mid July. Those who are cross country rated and are cleared to fly the DG300 will have a very nice glider to look forward to flying over the next soaring season.

New Equipment for our Gliders

Following the failure of the club's Repogle barographs at the Temora Camp this year, the Committee decided to upgrade to electronic loggers. The Club has purchased a Cambridge logger/GPS and a second hand Palmtronic PC to upload/download the data for the DG300. The Palmtronic PC will also be used for the DG505. The Committee is still deciding on what brand of logger/GPS to buy for the Junior, but it will be ready for the next soaring season.

A portable oxygen system is available for the DG300. This system will be taken out when not required. If you intend to take DG300 away with oxygen and are not familiar with its use, ask our instructors before you drive out the gate.

A new Microair radio has been purchased for the ASK13, VH-GPX to replace the Icon handheld.

For members thinking of flying club aircraft in the next soaring season, winter is a good time to become thoroughly familiar with the operation of this new equipment.

Sale of Libelle, VH-GBN

The Libelle has been in our club for quite a number of years. The glider over the last year has had very little utilisation, even at the reduced rate. The Committee decided to advertise the sale of the Libelle and search for a replacement glider, one that is more modern and higher performance, yet still suitable for early single-seat pilots.

Bulk Flying

The Club, over the last couple of years, has offered to members a bulk flying scheme for single-seat gliders. At the last committee meeting it was decided to extend to scheme to include 2 seat gliders (except DG505). More details will be available soon.

Memorandum and Articles of Association

The Club's Memorandum and Articles of Association was originally written in 1969 for the then Sydney Technical College Gliding Club to comply with the Companies Act 1961. The Sydney Technical College Gliding Club's name was changed to the Bathurst Soaring Club in 1974. Our Memorandum and Articles of Association have not been fully reviewed since then. The Committee has appointed Graeme Cant to prepare a brief for McIntosh MacPhillamy & Co, local Bathurst solicitors, to review and prepare updates to our Memorandum and Articles to ensure they comply with current legislation.

Child Protection Legislation

The NSW State Government has introduced legislation covering child protection. Richard Bull, the Club's Compliance Officer, has been researching and preparing documentation, using a standard form provided by the Department of Sport and Recreation, that you should have received by now. I would like to thank Richard for his efforts in ensuring the Club complies with Government legislation and in his ongoing follow-up of these forms.

Whilst we have had quite a good response from Club members who have returned the completed form as requested, forms are still outstanding from some members. Would you please endeavour to complete and return these forms to Richard as soon as possible. If you have any enquiries regarding this matter, please refer them to Richard Bull.

Permanent Functions License

In my last report I stated that we expected to be granted our functions license by the end of April. Due to a few delays in obtaining information for the solicitors (McIntosh, McPhillamy & Co) in preparation for our application to the Courts, this has not yet happened. In mid May, notice was given by way of an advertisement in the local newspaper, advising that BSC is applying for a Permanent Functions License. If no objections are received from the town's Registered Clubs and Hotels, we should be granted our license very soon.

Peter (Sarge) Williamson

Maintenance at Piper's

Suzuki engine change

On the weekend of the 1st and 2nd of May, Keith Gateley, with the aid of Phil Jones and a few others, removed the old Corolla engine from the Suzuki and replaced it with the "new" second engine. The Suzuki was back on the field by the end of the weekend, once again ready for its glider towing work.



The Hutter flies for Keith



P+L+U+S

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Duty Pilots' Roster

Please Note: The Committee has agreed to trial the use of only two people rostered on per weekend for this quarter to reduce the frequency with which members are called on for duty. **This makes it CRITICAL that both turn up or have arranged a swap.** If you are the listed Senior Duty Pilot it's up to you to contact and organise the rest of your team in advance of the weekend.

If you find you need to swap a date, remember it's up to you to organise it in 3 steps:

1. Arrange to swap your rostered day with another member. Use the members list to find the contact details. The roster and the list are also on the Club's Web site. Do not expect others to find you a substitute. It is your responsibility.
2. Phone the clubhouse on any weekend (02-6337-1180) and ask someone from the club to write the changes on the Duty Pilot Roster, located on the noticeboard above the phone.
3. Phone and notify the changed schedules to the Senior Duty Pilots of the weekends concerned and also to Leigh Youdale at lmyoudale@iprimus.com.au or phone 0417 210 437.

June	Senior Duty Pilot	2nd Duty Pilot
26/27	Ian Richards	Robert Tucker
July	Senior Duty Pilot	2nd Duty Pilot
3/4	Chris Pappas	Sandra Mainguard
10/11	Col Turner	Chris Dillenbeck
17/18	Neville Page	Peter Fielder
24/25	Bob Carr	Noel Lucas
31/31	Mitch Turner	Chris Manchester
August	Senior Duty Pilot	2nd Duty Pilot
7/8	John Rappell	Chris Hackett
14/15	David Ollivier	Michael Mainguard
21/22	John Leonard	Karen Bowring
28/29	Milan Youngman	Wayde Quinlan
September	Senior Duty Pilot	2nd Duty Pilot
4/5	Andrew McBurnie	Russell Branks
11/12	John Latinovic	Des Eustace
18/19	Paul Turner	Rod Wellington
25/26	Peter Gore	Geoff Bott

Where three people are rostered on holiday weekends they can arrange between themselves to cover the duty with assistance from people on the field.

Classified Ads

All classified ads are free.

Business advertising

\$150 for 4 issues or

\$50 per issue per 1/4 page ad.

Contact the editor.

Soaring calendar

Ridge camp 17–20 Sept or
17–26 Sept

Narromine Club camp 13–20 November

Narromine Cup 20–27 November

BSC Flying Charges

(GST inclusive) May 2003

Glider Hire												Tug Towing			
Standard gliders – DG-505 (Orion), ASK13, Puchacz, Junior								\$30/hr or \$0.50/min				Launches = \$14.00 +\$0.70 per 100 feet			
Libelle								\$21/hr or \$0.35/min				– based on altimeter setting			
DG-300								\$36/hr or \$0.60/min				of 2,200 feet QNH at Piper's			
Min.	Standard	Libelle	DG-300	Min.	Standard	Libelle	DG-300	Min.	Standard	Libelle	DG-300	Altitude	\$	Altitude	\$
1	\$0.50	\$0.35	\$0.60	21	\$10.50	\$7.35	\$12.60	41	\$20.50	\$14.35	\$24.60	2300	\$14.70	4300	\$28.70
2	\$1.00	\$0.70	\$1.20	22	\$11.00	\$7.70	\$13.20	42	\$21.00	\$14.70	\$25.20	2400	\$15.40	4400	\$29.40
3	\$1.50	\$1.05	\$1.80	23	\$11.50	\$8.05	\$13.80	43	\$21.50	\$15.05	\$25.80	2500	\$16.10	4500	\$30.10
4	\$2.00	\$1.40	\$2.40	24	\$12.00	\$8.40	\$14.40	44	\$22.00	\$15.40	\$26.40	2600	\$16.80	4600	\$30.80
5	\$2.50	\$1.75	\$3.00	25	\$12.50	\$8.75	\$15.00	45	\$22.50	\$15.75	\$27.00	2700	\$17.50	4700	\$31.50
6	\$3.00	\$2.10	\$3.60	26	\$13.00	\$9.10	\$15.60	46	\$23.00	\$16.10	\$27.60	2800	\$18.20	4800	\$32.20
7	\$3.50	\$2.45	\$4.20	27	\$13.50	\$9.45	\$16.20	47	\$23.50	\$16.45	\$28.20	2900	\$18.90	4900	\$32.90
8	\$4.00	\$2.80	\$4.80	28	\$14.00	\$9.80	\$16.80	48	\$24.00	\$16.80	\$28.80	3000	\$19.60	5000	\$33.60
9	\$4.50	\$3.15	\$5.40	29	\$14.50	\$10.15	\$17.40	49	\$24.50	\$17.15	\$29.40	3100	\$20.30	5100	\$34.30
10	\$5.00	\$3.50	\$6.00	30	\$15.00	\$10.50	\$18.00	50	\$25.00	\$17.50	\$30.00	3200	\$21.00	5200	\$35.00
11	\$5.50	\$3.85	\$6.60	31	\$15.50	\$10.85	\$18.60	51	\$25.50	\$17.85	\$30.60	3300	\$21.70	5300	\$35.70
12	\$6.00	\$4.20	\$7.20	32	\$16.00	\$11.20	\$19.20	52	\$26.00	\$18.20	\$31.20	3400	\$22.40	5400	\$36.40
13	\$6.50	\$4.55	\$7.80	33	\$16.50	\$11.55	\$19.80	53	\$26.50	\$18.55	\$31.80	3500	\$23.10	5500	\$37.10
14	\$7.00	\$4.90	\$8.40	34	\$17.00	\$11.90	\$20.40	54	\$27.00	\$18.90	\$32.40	3600	\$23.80	5600	\$37.80
15	\$7.50	\$5.25	\$9.00	35	\$17.50	\$12.25	\$21.00	55	\$27.50	\$19.25	\$33.00	3700	\$24.50	5700	\$38.50
16	\$8.00	\$5.60	\$9.60	36	\$18.00	\$12.60	\$21.60	56	\$28.00	\$19.60	\$33.60	3800	\$25.20	5800	\$39.20
17	\$8.50	\$5.95	\$10.20	37	\$18.50	\$12.95	\$22.20	57	\$28.50	\$19.95	\$34.20	3900	\$25.90	5900	\$39.90
18	\$9.00	\$6.30	\$10.80	38	\$19.00	\$13.30	\$22.80	58	\$29.00	\$20.30	\$34.80	4000	\$26.60	6000	\$40.60
19	\$9.50	\$6.65	\$11.40	39	\$19.50	\$13.65	\$23.40	59	\$29.50	\$20.65	\$35.40	4100	\$27.30	6100	\$41.30
20	\$10.00	\$7.00	\$12.00	40	\$20.00	\$14.00	\$24.00	60	\$30.00	\$21.00	\$36.00	4200	\$28.00	6200	\$42.00

Walk-in passengers (including temporary GFA membership) = \$100.00

Friends of members in attendance at Piper's: club rates + **temporary GFA membership** + airfield levy

Piper's airfield levy: \$2.20 per person per day or \$4.40 per family per day

EVERYBODY at the field must pay to support clubhouse amenities.

Movement fee: \$2.50 per takeoff for ALL gliders except club 2-seaters

Full membership: joining fee \$165, annual subs \$165 plus \$175.00 GFA fee

Family membership: joining fee \$0, annual subs \$82.50 plus \$139.00 GFA fee

Student membership: joining fee \$0, annual subs \$82.50 plus \$108.00 GFA fee

Family student: joining fee \$0, annual subs \$82.50 plus \$72.00 GFA fee

Air League: joining fee \$0, annual subs \$82.50 plus \$139.00 GFA fee

Trial membership: 3 months + 5 flights (including aerotows) + logbook = \$330.00

Bulk flying scheme: \$450 per annum, paid in advance for unlimited flying (aerotow NOT included) from Piper's in club single-seaters

Log books: \$5 (in bar)

Basic gliding knowledge: \$25 – contact Peter Bowring

Glider hire: \$500 deposit required

DG300: \$100 per day weekends, \$77 per day weekdays

All other gliders: \$77 per day weekends, \$60 per day weekdays

Booked cross-country flights: no glider charge over 4 hours

Tug outside hire:

Dry hire: \$143 per hour tacho time, ferry and onsite

Air Training Corps / Air League: \$115.50 per hour dry

Aerotow retrieves of outlandings: Tacho time @ \$185 per hour plus \$9.00 landing fee at Raglan, Spring Hill and other aerodromes

Tug pilot training: per Peter Hanneman, \$600 per course

Unrestricted tug rating training: \$180 per hour

Map to the home of Bathurst Soaring Club Piper's Airfield

Freemantle Road
Eglinton NSW 2795
(via Bathurst)
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