

The Flypaper



Volume 2023, Issue 2

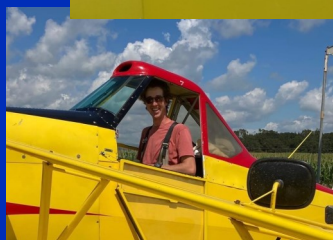
19th Feb 2023

Andrew Simmons, first solo 25th Jan. Well done Andrew! The club's 5th solo since just before Christmas.



Team Piwaka in the Club Class Championships - Charlie Irvin, Bob Gray and GPK finishing a respectable 7th place out of 21.

Left Tom Fairbrother (above) and Jono Porritt, our newest Tow Pilots.



Brett Hunter explaining how he won the day. Club Class National Champs open class



Tim Bromhead—Lets go everybody. There's a thermal, yeeharr. Tim's technology expertise and airspace knowledge, as always were a key part of the competition.

Inside this issue:

Pic's & News	1-2
Snippet's & OLC	3-5
Club Class Comp	6
Stranger Things	7
Nationals, Club Tasks & Joint Club Captains	8
S100	9-10
Funnys	11
Events & Committee	12

Yet another first solo this month. The next task for the club is to turn those first solo's into XCP rating and those with new XCP ratings into FAI badge flights.

This month Dave Dennison stepped down from the role of Secretary, after 2 years. He remains our User Group Representative, MSC Treasurer, Instructor, Contest Director again for the NZ Grand Prix and all round important good guy. In the past he has been Treasurer (6 years) and Club Captain for a year. A big thank you for all the work you are continuing to do Dave. Charlie Irvin has been seconded by the Committee to step into the role until the AGM.

The NZ Club Class Championships at Matamata have just finished, with 11 of our pilots competing in a field of 33. In the Open Class Piako was **1st, 2nd and 3rd**. Our placing's in the Club Class were **4th, 7th, 11th, 13th, 15th, 18th and 19th**. A big congratulations to those who were competing for the first time in many decades. Most of this flypaper is on the competition as it is the most newsworthy thing since the last edition. Also worth a big mention is Derek Shipley who represented our club at the **NZ National Multi-class Championships** at Omarama. He achieved a commendable 4th in the racing class, see page 7.

It is very likely there will be a lot of aircraft around from the 3rd to the 5th March, as the Aeroclub have a big fly-in weekend. All pilots please make good radio calls and look out for any possible conflicting traffic.

Sarel has just heard through the BGA that we may be able to extend PC's service life to 12,000hrs. Still no idea about costs etc, but I am sure we will hear more in due course. It means buying some sort of kit.

Many of our club members helped to make the Club Class Nationals a success. Bob Gray who was Manager, Contest organiser and Task setter, Dave Dennison who did all of the finance (including meals and accommodation), radio and retrieve organising, Tim Bromhead who organised all of the airspace, scoring and assisted with weather, Steven Care Safety, David Cleverley Grid Marshal, Tug Master Iggy Wood. Genny Care also did catering for two nights and Neil Harker did several nights as well. David and Marion Moody were badly affected by the Auckland floods, so unable to attend.

Steve

SNIPPETS



The first day of the Club Class Nationals was looking doubtful, so we were invited for a *Powhiri* at the Raungaiti Marae. 35 pilots including 12 from our club attended a formal Karanga (call) into the meeting house followed by a Karakia (prayer) and Whiata (song). This was followed by Whaikoreo (speeches). Rob Lyon, our contest director did a great job representing the gliding community in his speech. There was then a Hariru (shaking hands) followed by Kai (food) in the hall. It was my first time on the Marae, so I have to feel honoured. (Steve)



Charlie Irvin taking up a Raglan friend in GPK now that she has her XCP rating. Latest news is that she may have just completed her Silver 50km distance following a land-out north of Hikutaia in NI (right).
Wed 15th Feb

Our airfield seems to have come through Cyclone Gabrielle undamaged, but Pipiwai a/f (Wellington GC) was underwater. Central Districts Comp is cancelled due to the terrible disaster around Waipukurau. CP Taupo is still on.

Right- a flooded Waihou river near Paeroa 15th Feb



DELIVERING
HIGH QUALITY
GLIDING
OPPORTUNITIES
TO MORE
PEOPLE

More snippets

One of the Club Class competitors was Miha Gosak (age 22) who was PIC in Auckland's Duo Discus DX. He gave a very good presentation on gliding in Slovenia (home of Naviter, LXNav, LX Navigation, Pipistrel, DG 101& 500 Elan & Dynamic). His club is LC Maribor in the eastern part of Slovenia. Our youth member Sharia Anderton managed to get in the front seat on one of the contest days. Photo South of Mangakino below.



On-line Competition

We are still 3rd in Australasia. Pretty impressive to think we have collectively nearly flown the equivalent of once around the world.

Place	Points	Club	KM	Flights	Pilots
1	120,034.29	Beverley Soaring Society (WA)	106,969.59	348	40
2	61,061.87	Gliding Club of Victoria (VIC)	53,272.07	144	23
3	40,165.86	Piako Gliding Club	38,733.83	233	19
4	33,750.14	Kingaroy Soaring Club (QLD)	31,700.66	93	11
5	32,688.87	Alpine Soaring Mount Beauty (VIC)	25,630.84	111	5
6	25,325.20	Tocumwal Soaring Centre (NSW)	23,964.61	65	5
7	23,853.53	SportAviation Tocumwal (NSW)	20,804.82	53	6
8	20,255.53	Warwick Gliding Club (QLD)	16,494.75	98	14
9	19,209.80	Melbourne Gliding Club (VMFG) (VIC)	16,530.84	60	12
10	18,741.56	Darling Downs Soaring Club (QLD)	17,957.31	47	3
11	14,793.36	Lake Keepit Soaring Club (NSW)	13,463.53	42	4
12	14,295.57	Omarama Gliding Club	13,048.61	40	5

DELIVERING
HIGH QUALITY
GLIDING
OPPORTUNITIES
TO MORE
PEOPLE

DELIVERING
HIGH QUALITY
GLIDING
OPPORTUNITIES
TO MORE
PEOPLE

Place	NAME	U25	Flights	Duration	Overall Points	average Speed
1	Tim Bromhead (NZ)		20	79:02:00	6,539.71	91.25
2	David Johnson (NZ)		20	79:50:00	5,257.21	75.09
3	Sarel Venter (NZ)		22	60:55:00	4,256.86	50.96
4	DP Jensen (NZ)		10	38:16:00	3,145.03	77.42
5	Steven Care (NZ)		20	41:24:00	2,945.69	44.18
6	Colin Kelly (NZ)		20	42:11:00	2,848.66	43.1
7	Ian Wood (NZ)		24	71:46:00	2,744.07	32.88
8	Philip Rees (UK)		19	70:30:00	2,622.62	35.84
9	Charlie Irvin (NZ)	x	14	32:49:00	2,311.81	45.33
10	Derek Shipley (UK)		10	25:13:00	1,695.26	41.91
11	Bob Gray (NZ)		5	19:28	1,398.54	76.82
12	Bob Henderson (NZ)		7	20:36	991.94	39.4
13	Steve Thrupp (NZ)		11	14:52	825.2	21.6
14	Will Verland (NZ)		9	18:35	709.33	15.26
15	Royden Hooker (NZ)		9	10:20	668.04	19.48
16	Ross Hyndman (NZ)		8	12:41	548.58	12.82
17	David Dennison (NZ)		3	8:10	453.99	47.2
18	Malcolm Piggott (NZ)		1	1:24	166.18	46.71
19	Tony Davies (NZ)		2	1:42	135.94	20.26

Well done Tim Bromhead and David Johnson who have both done 80hrs flying so far this season, with Tim's impressive average speed of 91kph.

To join OLC go to

<https://www.onlinecontest.org/olc-3.0/secure/memberadmin.html?compid=new>

The first time you go in, it will ask you to put in a long complicated password, so write it down. If you forget your password, no problem to get another one. Once in, you can alter all of your personal details if needed. It's good to put in all of your flights, including dual, which is quite handy for instructors.



NZ Club Class Nationals 2023

CLUB CLASS

1	KT	Steven G Wallace	Mosquito	3,980
2	LW	John Robertson	DG-300 Elan	3,952
3	TJ	Michael Strathern	ASW 20	3,717
4	VC	Steven Care	ASW 20	3,649
5	GX	Mark Wilson	Standard Libelle	3,412
6	NK	Alain Marcuse	LS 4	3,338
7	PK	Team Piwaka Charlie & Bob	DG-1001 Club Neo	3,148
8	HS	Ian O'Keefe	ASW 28	3,039
9	LD	David Hirst	ASW 20	2,938
10	YT	Peter B Cook	Discus a	2,778
11	BA	Sarel Venter	DG-300 Elan	2,481
12	ET	John Tullett	Ka 6E	1,868
13	XP	Ian Wood	Discus b	1,805
14	RK	Kieran Cassidy	DG-100G ELAN	1,740
15	ML	Derek Shipley	SZD-48-1 Jantar Standard 2	1,599
16	SA	Ross G. Perry	DG-200	1,508
17	YR	Derek S Wagstaff	ASW 20F	1,441
18	MI	Bob Henderson	LS 4	1,151
19	EZ	Raeburn Kerr	T.51 Dart 17R	1,029
20	UY	John Carter	DG-100	810
21	KM	Michael Cooper	LS 4	0

OPEN CLASS

1	XB	Brett Hunter	JS3	4,619
2	OP	Tim Bromhead	Ventus cT	4,602
3	VM	David Johnson	Discus-2cT	4,016
4	DK	Tony Van Dyk	ASG 29 18m	3,776
5	RT	Russell Thorne	ASW 27-18E	3,611
6	DX	Team Auckland	Duo Discus	2,918
7	HW	Jason Shields	Discus-2T	2,698
8	BH	Ross Gaddes	Ventus 2b	2,456
9	XM	Steve Foreman	Discus-2cT	1,705
10	FS	Michael Cooper	LAK-17B FES 18m	1,695
11	SP	Neil Harker	Ventus bT	1,552
12	SW	Ross J. Taylor	Ventus cT	1,347

A 3rd of the field was made up by Piako pilots. Unfortunately no podium finishes this time, but for Bob Henderson and Iggy Wood it was their first competition in many years. Rae Kerr had electrical problems and a bit out of character for him to not be in the top 10.

Fantastic effort in the Open Class with Piako 1,2 & 3. Tim Bromhead just a smidgeon off winning (again). David Johnson's effort in his new glider was outstanding against some other very experienced pilots.



Are you sure I won Dave? Yes you won Brett!

OH GOOD!



Steve Wallace (GNZ President) being presented with the Club Class trophy by grid marshal David Cleverley

Brett Hunter being presented with 1st prize on the Open Class by Dave Dennison.



Stranger Things

Day 3 was a racing task. Ridge was expected, although the winds were light (around 10 to 14 kts). thermals weak and patchy. It had been decided the day before, that due to tracking, no start times would be announced on the radio (as we usually do). The task distance 329.1km. Thermalling near Thames was essential to get around and no one knew each others start time, but 2 pilots completed the task in exactly the same time (to the second) and yours truly 2 seconds slower. All 3 gliders had the same handicap, no winglet's and no ballast (of course). The contest SeeYou program could not differentiate 0.02 kph, so all pilots were awarded 1,000 points. It's staggering to think that this could happen over a 300+km task and almost 3 hours duration.

Place	Pilot	Glider	Start	Fin	Time	Speed	Dist	Points
1	KT Steven G Wallace	AAV Mosquito	13:24:29	16:11:33	2:47:04	118.19 km/h	329.10 km	1,000
1	TJ Michael Strathern	NLN ASW 20	13:16:47	16:03:51	2:47:04	118.19 km/h	329.10 km	1,000
1	VC Steven Care	PKO ASW 20	13:23:22	16:10:28	2:47:06	118.17 km/h	329.10 km	1,000

All 3 pilots were awarded the Van Dyk trophy for the fastest time around a speed task in a Club Class Nationals.



Left to right, Steven Care, Steve Wallace and Mike Strathern.

GNZ NATIONAL MULTI-CLASS COMPETITION 20th TO 28th Jan 2023

1	NS	Davy & Wallace	Duo Discus
2	TD	Tony van Dyk	LS 8
3	TK	Terry Jones	LS 8
4	MJ	Derek Shipley	SZD 48 Jantar STD 2
5	UO	Savage & Johnson	Duo Discus

The contest at Omarama only had 11 entries and our only representative was Derek Shipley in the Racing Class. It was a pretty tough ask for him, against much higher performing gliders, but he managed a 4th placing anyway. Any time you can say you came 4th in a National Championship is a pretty good thing. Well done Derek!

Club Tasks

Les Riesterer Short Course (25km)—Dave Dennison YL 75 kph 27/12/22

Catlin Trophy (100km) - Bob Henderson MI 75 kph 27/12/22

Valley 150 (150km) - Yet to be claimed

Care 200 (200km) - Steven Care VC 128 kph 15/2/22

Dave McPherson One Diamond Trophy (300km) - Yet to be claimed

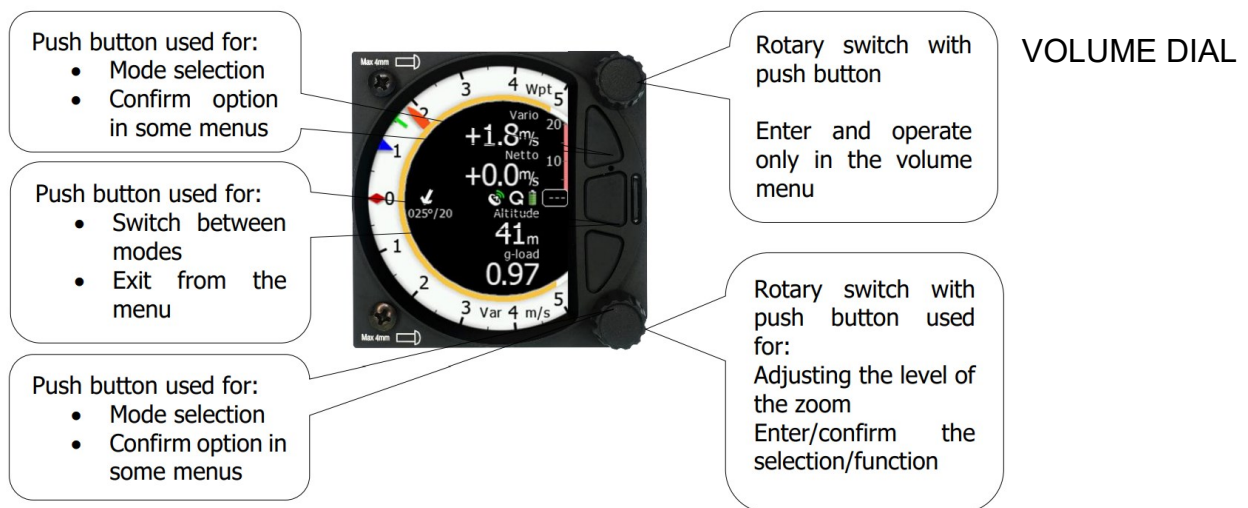
Joint Club Captains

Steven & Genny Care's wedding Fri 16th Dec was at the airfield same time as Youth-glide, so we had to get a photo with all the locals in it. Ceremony was in the Committee room and the Reception at the Aero Club. Big thank you to Rainer, Anna and Iggy for making such a huge contribution to make it a memorable day. The celebrant was Belinda de Lautaur (Hugh's wife from Taupo Gliding Club). She was thoroughly professional and really did make the occasion wonderful and meaningful. We kept the reception to a small number of family and apologize that we were not in a position to open it up to all of our gliding friends.



GPK and GXP's LXNAV S100

The new LXNAV S100 is far more technical than the ACD-57. I have been flying with the S80 in GYL and I am still not completely familiar with all of it's features. The following is just some basics. Unlike the ACD-57, it's harder to get into trouble if you don't know how it works, just treat it as a vario, but knowing how to adjust the volume, bringing up wind direction and calculating a final glide are all things that are easy to get wrong if you don't know.



SWITCHING ON AND OFF— Press the top or bottom rotary switch to switch on. You then need to set the QNH with the bottom rotary switch and press the middle switch to confirm. **DO NOT SWITCH THE MAIN POWER SWITCH OFF** without shutting down the S100 first. The instrument has to be shut down like a computer by long pressing the top rotary switch. The front S100 in PK will also switch off the back one, but the back one will only switch off the back one.

PROFILES— You can have your own settings, but unless you know all the parameters, do not attempt to install your own. It's safer to select **CLUB** and get use to familiar settings first.

OPERATING MODES— There are 5 operating modes INFO, FLARM, THERMAL, WAYPOINT and TASK, plus a separate SET UP MODE. To toggle between them press the middle button. The Waypoint and Task modes have a digital display page beneath them. Access is by pressing the bottom button.

QUICK ACCESS MENUS

For each mode a quick access menu is available, which varies from mode to mode. Items available in the quick access menus are:-

- MC/BAL
- Reset G
- Layout
- Edit target (only FLARM page)
- FLARM traffic (only FLARM page)
- Select (Only in WPT mode)
- Select Near (Only in WPT mode)
- Send WPT
- WPT elevation (Only in WPT mode)
- Event
- Night
- Edit Task (only in task mode)
- Start (only in task mode)
- Next (only in task mode, visible only after pressing Start)
- Restart (only in task mode, visible only after pressing Start)
- Load (only in TSK mode)
- Save (only in TSK mode)
- Wind (only in WPT and TSK mode)

Access is by pressing and/or rotation the bottom rotary switch.

QNH and RESERVE ALTITUDE

Turn the lower rotary switch until you get QNH and Res Alt and press. You can then adjust to the airfield pressure, Note the reserve altitude. Both of these figures affect final glide calculations.

SELECTING A WAYPOINT

Scroll to Flarm, Waypoint or Task screen and press the lower rotary switch. Press MC/BAL and set the McCready. I usually set to 2 knots and sometimes higher if it's a strong wind day. Then go to SELECT (which you will need to pick from the whole list of waypoints) or SELECT NEAR which will enable you to pick waypoints close to you. The waypoint will then appear on the waypoint screen and include altitude required to achieve the safety altitude to the finish circle around the waypoint or the waypoint if unusually it is fixed. I have been let down multiple times with final glide calculations, so always take them with a grain of salt. If the altitude numbers are reducing it gives you time to put on place plan B.

There is too much to give much more than the basics. The only way to get use to it is by using it. I may put a smaller amount of info in future Flypapers, but remember the on-line manual is the place to go always. [Manuals • LXNAV Gliding](https://gliding.lxnav.com/lxdownloads/manuals/) <https://gliding.lxnav.com/lxdownloads/manuals/>



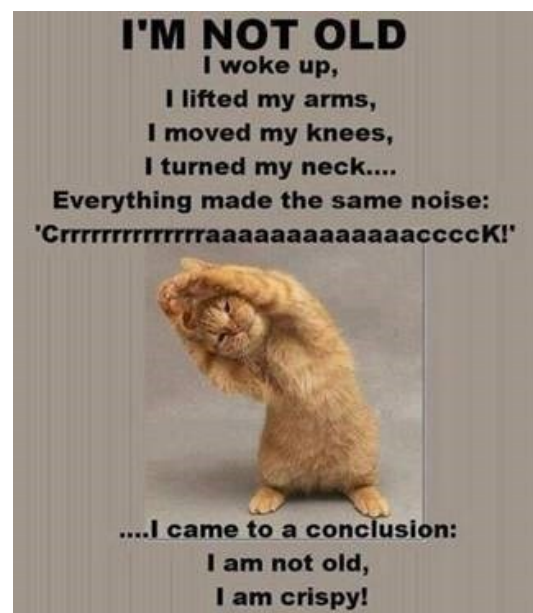
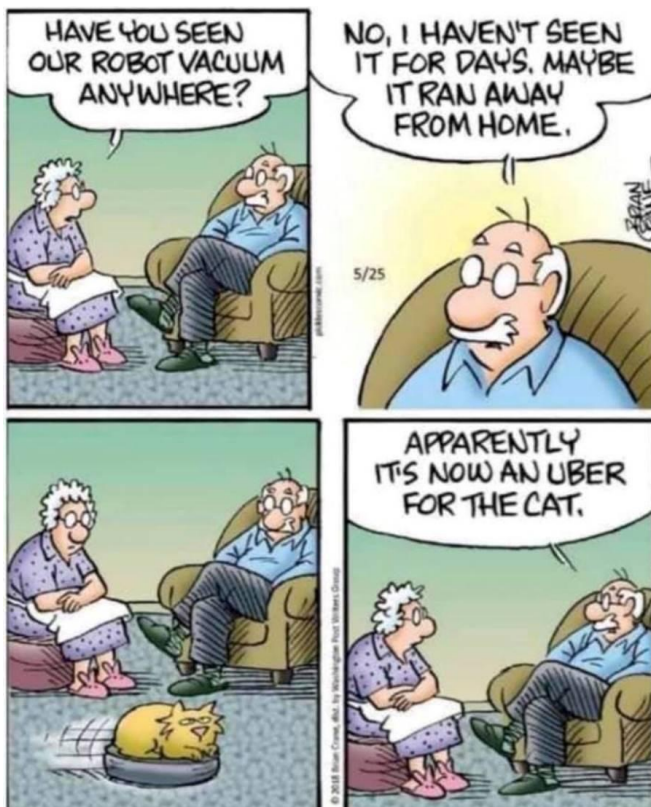
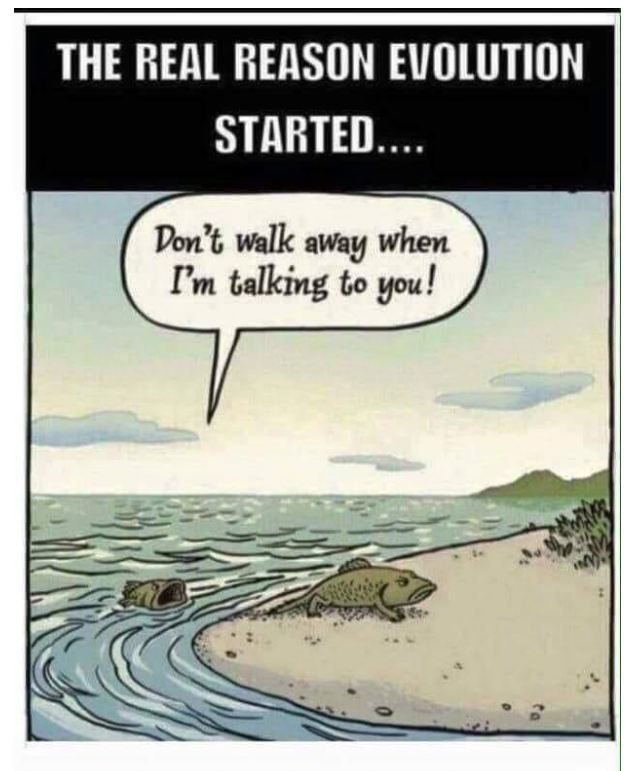
Iggy Wood



Derek Shipley



Tim Bromhead in wave on the last day of the competition.



UPCOMING EVENTS

18th to 24th Feb	Central Districts Regionals—Waipukurau (cancelled)
26th Feb to 3rd Mar	Vintage Kiwi meet—Stratford
4th to 11th Mar	Central Plateau Comp—Taupo
18th to 25th Mar	GNZ Grand Prix—Matamata

PIAKO GLIDING CLUB COMMITTEE 2022/2023

DELIVERING
HIGH QUALITY
GLIDING
OPPORTUNITIES
TO MORE
PEOPLE

President:	Iggy Wood
Vice President:	Tim Bromhead
Secretary:	Charlie Irvin
Treasurer:	Sarel Venter
Club Captain	Genevieve Care (Jnt)
Chief Flying Instructor:	Bob Gray
Chief Tow Pilot:	Phil Rees
Bar Manager:	Sarel Venter assisted by Derek Shipley
Maintenance Officer:	Colin Kelly
Committee:	Steven Care (Jnt Club Captain)
	Phil Rees
	Colin Kelly
	Gareth Cartwright
User Group Rep:	Dave Dennison