



ASC e-News

Electronic news from the Adelaide Soaring Club **1st MAY, 2023.**

Things were happening a bit quick last month and a couple of items were missed. However, they are first up this month. Stuart McColl did a great trip from Tyabb, with his son Brodie, bringing back a J230 that had liquid cooled heads filled. Great story and photos. The other photo is from Scott Crew during a dawn flight over the hills.

Now, the last edition was 1st April, April fools' day. In a story on LSA maintenance I called Richard Young, Robert. Only 1 person picked it up (as far as I know). Richard Young has now been officially nominated as LSA Maintainer for the ASC and on behalf of members I wish him all the best and offer him full support.

Broken Hill Expedition – Will be in the next edition.

Karl Faeth

TRIP FROM TYABB



TYABB

Stuart McColl is a well known member and pilot and is often seen getting about Gawler and other places in his J200. A while ago he was asked to fly back a J230 that was at Tyabb in Victoria, having liquid cooling heads fitted. The owner, Brian Stott, couldn't find the time to do it himself, so asked Stuart. As Stuart says – there is no greater compliment for a pilot than being trusted with an aircraft that just had lots of expensive work done.

It is of course a great experience flying out of Tyabb. Weather is always a bit unpredictable down there but flying over Sorrento and Portsea on the way to Geelong and beyond always make you sit up and take notice. Other routes are of course also available, depending on weather and conditions.

Stuart, being a great father, decided to share this flight with his son Brodie. Their adventure started with a 737 flight from Adelaide to Melbourne. The Skybus has a great terminal at Southern Cross Station from which all Melbourne bus and train services are available. Then a bus service to Frankston and another one to Tyabb. On arrival, being a good pilot, Stuart had a very close look at the aircraft as pre-flight checks are so very important.

Finally, when all was in order, Stuart made the decision and took off, climbed to 2,500' and then up above the clouds to 6,500' on the way to Horsham where it was ideal for a comfort stop and fuel tank top up. Then it was back up to 8,500' and tracking for Gawler.

Stuart was so impressed with the cooling heads that he decided to fit them on his own aircraft. This of course means another flight to Tyabb and return.



The photos above clearly show the flood situation in the Murray Valley. The photo below is a very good indication of the work involved in flying and aircraft from Tyabb to Gawler. It is essential that the Navigator gets his well-earned rest.



Here we are, wide awake, plans complete and ready to go.

EARLY MORNING FLIGHT



Scott Crew loves his early morning flights. Here he is on one of his 'Dawn Patrols' overlooking the Adelaide Hills. A view only aviators will see and then only those who are prepared for an early start.

AERO - SCENE

Jeff Schuster had another good attendance at the last dinner meet. Discussion centred on high bank angle stalls and the coming unfriendly flying weather.

Events are of course Barossa Airshow 16th April at Rowland Flat. ASC will again participate as will the RAAF Roulettes from Edinburgh. Looking forward for a good report.

Broken Hill Fly-away 21 – 23 April. Look for good photos and a report.

Gawler Airfield Fly-in, Drive-in, Drop-in. Camp out Saturday May 6th. 1100 to 1600. Cars, Food, People and Music. All proceeds go to 'Black Dog Institute'

Sunday May 7th. Aldinga Aeroclub BBQ 1100. \$5.

Truro Flats Airpark 20 – 21 May. Fly in. Mid- day lunch. Dinner Sat night. Camping available.

ASC GLIDING SCHOLARSHIPS.

ADELAIDE SOARING CLUB 2023 GLIDING FLYING SCHOLARSHIPS

The ASC Gliding Scholarship Management Group, through ratification by the Club Committee, is pleased to announce that the following Members have been successful in gaining Gliding Scholarships for 2023.

- Austin Arnold. (Ali Swart)
- Oliver Wood. (Ali Swart)
- Nathan May. (Frank Johann)
- Finlay Bunt. (Frank Johann)
- Noah Piutti. (Peter Sadler)
- Jade Delan. (Peter Sachs)
- Max Scutchings (Peter Sachs)

While the Scholarship amounts awarded, vary according to the stated goals outlined in their Applications the total of Scholarship funds available have now been fully committed.

These goals range from ab-initio training, GPC completion (including Cross country flying), Passenger friend ratings, advanced gliding (Aerobatics, Dual Towing), Air Experience ratings leading to eventual Instructing to level 3.

While the gliding progress of the scholarship holders will be principally be in the hands of the Club Instructors, each has been teamed, as indicated above, with a Liaison person from the Management Group, to provide general support, Club members are also encouraged to support them in their respective endeavours.

Peter Sadler
Coordinator – Gliding Scholarships Management Group

Adelaide Soaring Club Gliding Scholarship Program – Future Support

Introduction

- ASC members will be aware that a Gliding Scholarship Program has been in operation at the club for a number of years.
- Some 20 plus members have so far benefitted from this program, assisting them to gain solo status and / or supporting them to further their recreational aviation skills and knowledge.
- In a significant number of cases, their gliding experiences have provided them with a foundation to progress careers in the Commercial or Defense Forces aviation industries.
- In the past, the ASC has been fortunate, where generous members have made contributions to the Gliding Scholarship Program, some very significant.

Moving Forward

- The ASC now invites members, past and present, friends and associated businesses to consider ongoing support for the ASC Gliding Scholarship Program.
- Documentation relating to the objectives and management of the ASC Gliding Scholarship Program can be obtained from the Chair of the Scholarship Management Group – Peter Sadler, mobile: 0435936950, email: peter.sadler50@gmail.com

Options

1. Donations

- Intending sponsors of this program may nominate any amount of financial support.
No donation is too small.
- The amount nominated may be influenced by the desire to see successful ASC members receiving a Gliding Scholarship to:
 - Achieve solo status.
 - Work towards cross -country flying.
 - Up-skill general flying via aerobatics, dual towing ratings, etc.
 - Work towards instructor ratings.
 - Support coaching and competition flying.
- Donations may be made:
 - **Tax deductible donations** via the Australian Sports Foundation, nominating the ASC as the beneficiary can be made online at <https://asf.org.au/projects/adelaide-soaring-club/asc-gliding-scholarship-program/> and click on the DONATE tab.
 - **Donations made through the Australian Sports Foundation attract income tax deductibility status for the donor.**
 - **Non tax deductible**, donations can be made directly to the club or members may wish to organize periodic payment (monthly etc.) via a Direct Debit. Contact the ASC office by phone on 08 8552 21877 or by email at office@adelaidesaoring.org.au to organize a donation process of your choice.
- All donations received will be pooled and then managed through the ASC Gliding Scholarship Management Group in conjunction with the ASC Committee.

2. Wills / Estates

- As is common with many organisations, particularly, Not-for-Profit ones, individuals

may wish to include nominated amounts within their estate documentation to support the ASC Gliding scholarship program. This can be done in conjunction with the ASC Office.

Recognition

- Recognition of any support given will be negotiated with individuals to suit their wishes.
- In the past, some benefactors have requested no public recognition of their support, other than via private and confidential communications from the Club Committee, along with periodic reports in relation to the progress and outcomes of the Gliding Scholarship Program.
- Periodic reports relating to the Gliding Scholarship Program will be forwarded to both individual sponsors as requested and via the range of the Club's communication and marketing channels.
- Sponsors may receive invitations to specific club events that are associated with the Gliding Scholarship Program.

Questions

- Should you require further information or have any questions please contact the Chair of ASC Gliding Scholarship Management Group, Peter Sadler, by phone on 0435 936 950 or by email at peter.sadler50@gmail.com.

Thanking you for your consideration of this opportunity.

HAPPY 80TH BIRTHDAY GEOFF



Here is a happy Geoff Wood with some of his mechanical loves. Some he has re-conditioned, re-built or like his aircraft – built from scratch. A very gifted and hard working Life-Member.

AIRSPACE AND BOUNDARIES WORKSHOPS

Airspace Workshop.

I am holding regular Airspace workshops to help members understand the airspace at Gawler.

The next workshops will be on **Saturday 20th May 2023 at 9:30am**, held at the ASC.

From previous experience the workshop should last about 45min.

Please email (Gliding-CFI@AdelaideSoaring.org.au) if you are interested in attending and advise if you are a LSA or glider pilot. We try to tailor the presentation to the people coming to the workshop.

If you can't make this workshop, there will be future workshops date and time yet to be determined. Please email me if you have any suggestions on when would be the best time for these workshops.

Paul Marshall

ASC Gliding CFI

STATE GLIDING ASSOCIATION

Thank you to Rob Moore for this info.

Glider Pilots are of course members of the GFA and locally SAGA and receive the latest info on events and results via newsletters. The latest info was from SAGA President Bernard Eckey. He mentions that the 22/23 soaring season is slowly coming to an end he is about to depart on a visit to Germany.

Also:

Form 2 course at Waikerie – The recent maintenance course was well attended with 11 from various clubs. Three achieved their Form2 and eight gained their ‘Component replacement ticket’.

Air Data Test Set – SAGA has received a grant of \$3,000 from Dept. of Rec. and Sport and has purchased a modern and fully electronic test set for instruments. It is now available for hire.

2023 State Comps. – Adelaide Uni Gliding Club hosted the event in March. Results were -Joint First Leigh Stokes (ASW20) and Sid Nankivell (LS3), 2nd was Craig Vinall (Duo Discus) and 3rd was Brenton Swart (LS4).

Position Vacant – The SAGA Development Officer has moved interstate and has left a vacancy for a person to promote gliding.

Venue for 2024 State Comps. – The Waikerie Gliding Club has volunteered to run the next competition in January 2024.

BAROSSA AIRSHOW

After a bit of a lay-off, due no doubt to Covid and things, plans were made to bring this very successful event back to life. In previous years the ASC has always been involved with a lead in LSA display followed later in the program with a glider aerobatic display. The latter was really appreciated by the spectators as they are close to the runway to see the glider being towed up.

The LSA display (meticulously organized by Phil Pullem in the past) for some reason, didn't get a mention in the initial planning and so was left off the program.

Not being required to fly left me with the opportunity to view the event from a distance. I had visions of overlooking Rowland Flat and seeing the Roulettes from above, but that didn't happen. I couldn't get high enough. I did get there early though, up Krondorf Road and right into Nitschke Road. That gave me a spot from where I could see the airfield, looking over the vines. Nitschke Road of course leads into Koch Road and entry into the airfield.

I was truly amazed to see the numbers of cars making their way very slowly towards Koch Road for such a long time. The program was advertised 10am to 4pm but cars were still moving at 1pm. Had a lot of well-wishers call out in passing – one of them was Taffy.

Leaning against my car and looking at the airfield, I could sense someone standing next to me – it was our President Megan to say hello. Traffic was moving so slowly she had just got out of her car while hubby was driving and then she walked back to catch up with her car again.



Beautiful looking sky as the airshow is traditionally opened with parachutists and the Australian flag. Tried to get a good shot of the P8 but it pulled up very quickly before climbing up into controlled airspace.

Thank you to Jeff Schuster for getting some excellent shots of the 21's and the surroundings. Some good shots of the ASC glider/tug formation and nice to see the interest shown by spectators in our static aircraft. How about the two keen aviators in the Dimona?





As our Vice President Steve Miranda says:

*The Airshow was a success for our Club because of the 'behind the scenes' work over many months. Frank and Tommy in the glider and Brenton in the tug have practiced their routine many times with careful planning. It made professional pilots sit up and take notice on how professional the ASC is. I loved the crowd reaction when Tommy Kalsbeek released and started off in a spin, Frank Johan signature loops and stall turns at a very different angle was a crowd pleaser. Tom Leech on the microphone saying **glider pilots are real pilots** and stirring up the crowd. The club Jabiru and Dimona, on display, were crowd favourites and allowed them to see the aircraft inside and out.*

It was lovely to see our President Megan Gabell enjoying the day with her family at the Airshow.

A big **THANK YOU** to

Frank Johan, Tommy Kalsbeek, Brenton Swart, Tom Leech, Peter Sachs, The two Noahs, Max Scutchings and his Dad Dave, Robin Richter putting kids in and out of the Dimona all day.

I know I have missed a heap of people and you all know who you are that made the day a big success.

A HARD DAY AT THE OFFICE



It is of course not easy sitting in the office all day. Speaking with members complaining about their monthly accounts or prospective members and/or wannabe pilots wanting to know about the ups and downs of flying.

So it is essential that the office girls can speak with experience and knowledge to callers. However, in order to do that, they must tear themselves away from their nice comfy office and experience what the sky has to offer. Here is Angela at the 31 end, trusting Steve Miranda to do one of his beautiful smooth flights.

Sterile cockpit

Aerotowing may appear to be a benign method of getting airborne in a glider, but there are inherent hazards, the most significant of which are tug upsets.

A tug upset occurs if the glider becomes displaced from the normal tow position. Downward displacement of the glider below the slipstream is quite acceptable, but upward displacements are much more critical. **The glider pilot must release immediately if the glider is going high and the tendency cannot be controlled, or the pilot loses sight of the tug.**

The problem with the upward displacement is the force on the tow rope starts to overpower the tugs elevator. The tailplane of the tug is lifted up and very rapidly the situation gets out of control. Studies around the world have concluded that it can take as little as 2 seconds for a glider to go from the normal tow position to one high enough to start to upset the tug. The tug upset usually proves to be lethal for the tug pilot if it occurs below 700 feet, as there is insufficient time for the tug pilot to avoid impact with the ground.

Looking at the accident reports the common cause of tug upset is glider pilot distraction. How can we fix this distraction issue? We can use the concept of a sterile cockpit when the glider is below 1000 feet AGL. In aviation, the sterile cockpit rule is a procedural requirement that during critical phases of flight, only activities required for the safe operation of the aircraft may be performed.

What would a sterile cockpit look like when flying gliders. We would concentrate on flying the glider, staying in the correct tow position. Occasionally peeking at our emergency options, can I still land ahead? If you are looking away from the tug for more than a second, you have the potential to cause a tug upset. A sterile cockpit is **not** spending time playing with the window vent, its **not** playing with the radio, it's **not** taking a photo or any other activity that takes your attention from the job at hand of flying in the correct tow position.

Mutual Flying

Winter is on its way, historically it's a time when most of us reduce the hours we spend in the air. We save money for the fantastic summer flying season. There is an alternative way to reduce costs but still have lots of fun. That is to fly with a friend in one of the clubs two seat aircraft and share the costs between you. In GFA speak, it's called mutual flying.

So, what are the requirements for a mutual flight. (the following is extracted from the Manual of Standard Procedures [MOSP – part2])

8.1.5 Mutual Flying

Mutual Flying involves two pilots who are qualified on the aircraft type, flying together for mutual practice. Only one pilot can log the flight time as pilot in command (CAR 224).

10.2.2.2 Privileges and limitations.....

- *May carry out mutual flying, subject to the following conditions:*
 - o The other occupant of the glider also holds a minimum of a "B" Certificate.*
 - o Each mutual flight is to be authorised by and carried out under the direct supervision of a Level 2 or higher rated Instructor, who must nominate the command pilot for the flight.*

Don't forget to mark up the flight sheets as "Mutual" and the office staff will share the costs between both pilots.

As always, stay safe and enjoy your flying.

Paul Marshall

ASC Gliding CFI

COMMUNICATION AT ADELAIDE SOARING CLUB

ASC WEBSITE	https://www.adelaidesoaring.org.au	Information about the club for visitors and official for members.
ASC OFFICE	office@adelaidesoaring.org.au	08 8522 1877
ASC COMMUNICATIONS	communications@adelaidesoaring.org.au	For official information within the club. Can only be used by club officials. All members are required to have a site to receive these messages.
ASC MAINTENANCE	maintenance@adelaidesoaring.org.au	For contacting the official aircraft maintainer.
ASC MEMBERS	members@adelaidesoaring.org.au	For members to post items relating to club matters. Members can opt out.
FACEBOOK		The ASC has a Facebook page and a club Facebook group.
ASC E-NEWS		Information about club and member activities. Usually monthly.
COMMITTEE		Meets monthly. Minutes are posted on Notice Boards.

OFFICIAL CLUB CONTACTS

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