

# Uni Gliding

Vol 35 Number 3 - April 2010



The Official Journal of the Adelaide University Gliding Club Inc.

<http://www.augc.on.net>

# Editorial

The Editor

# What's Inside...

## Is it April already?

Nearly a whole third of the year over, the days getting shorter, Apple releasing yet another monstrosity on the world - but much more importantly the end of the fire ban season getting closer! Even the new hangar senses the change in the seasons with the metalwork migrating over to the site and preparing itself for erection.

Daylight saving may have finished but there is still good soaring weather to be enjoyed, and in June the AUGC annual pilgrimage to the Flinders Ranges will occur when (hopefully) the Wind Gods will bless us with wave upon wave.

Above all don't forget to go to the AGM, the AUGC Gala Event of the year - but seriously - GO TO THE AGM.

To all the various folk that contributed stories and photos to Uni Gliding over the last 12 months my sincere thanks. You have helped make Uni Gliding a better publication. For those of you that haven't contributed, there is always next month (or you may risk appearing on the Editor's wall-o-shame).

Regards

Mr. Ed.



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### Notice for all Club Libelle (GMI) Pilots

The seat recline mechanism usually has a spring to ensure that the seat remains positively locked in a fixed position. Currently the spring is broken/missing. You must ensure that the seat is locked in place, preferably with material behind the seat to ensure it does not recline during a winch launch.

#### Image Credits

- Cover photo - KRO in flight - Justine Thompson.*
- Eagle Page 3 - Justine Thompson*
- MI Weather Shot - Jon Keatley*
- O-Week - Anne Philcox*
- Hangar Site - Dennis Medlow*
- Calendar - Anne Philcox.*

# Uni Gliding

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# AGM Matters

On the **21st of April** (a Wednesday evening) the AUGC will hold its Annual General Meeting (AGM). This will be held in the University Union precinct, probably in the Sports Association Office. Formal notification will be made via AUGC-Announce mailing list.

This meeting will hear reports from the office bearers and elect a new Executive Committee to run the Club for the next 12 months.

The current Executive position incumbents are shown on the back page of the newsletter.

## Why is this Important?

The AGM is the point where the Club appoints the Executive positions (the President, Secretary, Treasurer, Social Convenor & Exec Member). Without an Executive the Club will not function, no bills will be paid, no events will occur and the aircraft won't be able to fly. In addition to the Exec positions there are also appointments for Coach, Winch Maintainer, Assistance Treasurer, Newsletter Editor etc. The more people that pitch in the lower the load on each individual.

## Why should I attend?

Partly because we need a certain percentage of Club members to attend in order to make the meeting valid but mostly because without your assistance and effort AUGC won't be able to function.

## Why should I participate?

Get involved, nominate yourself (or someone else) to the Executive. You don't need a lot of experience and you will be helping to improve the Club for current and future pilots.



**WITHOUT AN  
EFFECTIVE AND  
ACTIVE  
EXECUTIVE, AUGC  
CANNOT PROVIDE  
SERVICES TO ITS  
MEMBERS.**



The AGM will probably be held in the AU Sports Association offices on the Ground Floor of the George Murray Building (shown circled at left) just off of Victoria Drive. Check AUGC-Announce for confirmation of the venue closer to the meeting date.

# Stonefield Cup Results

## Motor Glider Section

Unfortunately, the flat tyre on FQW has prevented any further attempts to claim the Motor Falke trophy for February.

## Glider Section

Congratulations to Mark Tyler for winning the February Stonefield Cup.



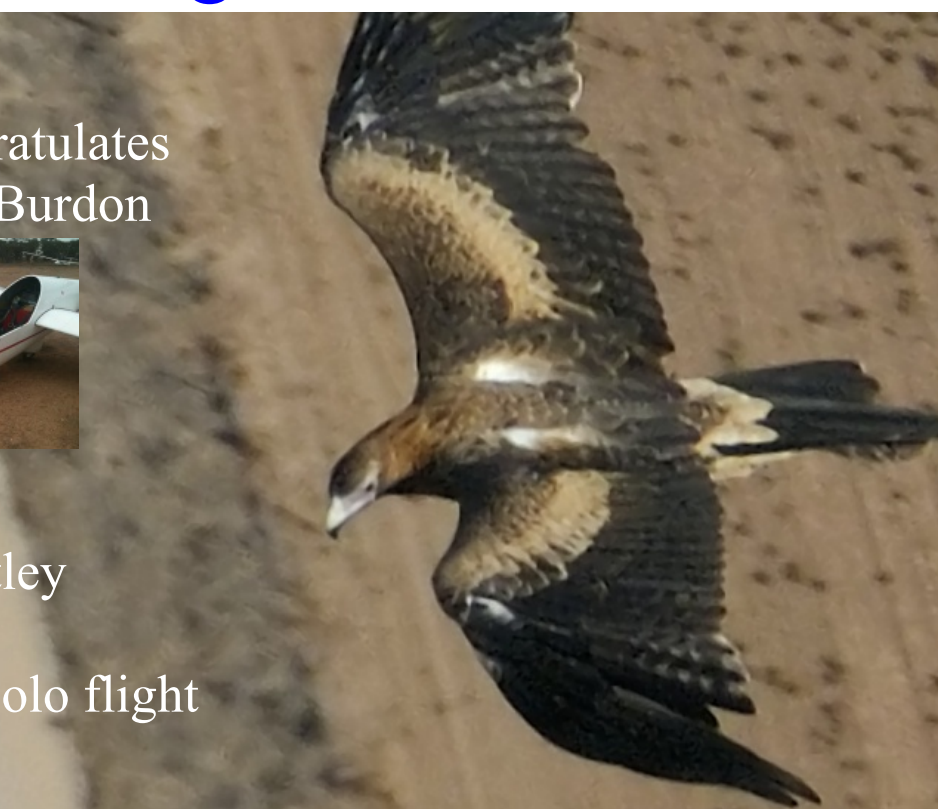
# Recent Solos - Congratulations!

AUGC Congratulates  
Sam Taylor-Burdon



&  
Jon Keatley

On achieving solo flight



MI pauses to admire the waves...

# Chief Flying Instructor Comments



How well do you know your aircraft?

Every aircraft in the Club has a flight manual, it has to as part of its airworthiness requirement. All of these manuals are scanned and available to members on the AUGC website. Each manual contains information that we need to know to safely operate the aircraft. This includes (*inter alia*) data such as loading limits, airspeeds, permitted manoeuvres, operation of seating adjustments, electrical system, emergency procedures and (if applicable) engine operation. The manual will also cover rigging and derigging, as well as special inspection issues for those that need that information.



As pilots it is our responsibility to know this information. Gliders have a dispensation from carrying the manual in the aircraft so the best way is to download and print a copy for yourself. We will organise a set to be available in the pie cart.

Fly Safe  
CFI

Weather forecasts for wind strength use terminology from the Beaufort Scale. Do you know what words like 'light', 'fresh', 'strong' in the forecast actually mean? A copy of the scale from the BOM website is shown at right (at least the bits we can fly in is). Any forecast of 'fresh' will be marginal for operations and 'strong' is right out.

### Beaufort Wind Scale

PLEASE NOTE: "Beaufort scale numbers and descriptive terms such as 'near gale', 'strong gale' and 'violent storm' are not normally used in Bureau of Meteorology communications or forecasts".

Beaufort scale number	Descriptive term	Units in km/h	Units in knots	Description on Land	Description at Sea
0	Calm	0	0	Smoke rises vertically	Sea like a mirror.
1-3	Light winds	19 km/h or less	10 knots or less	Wind felt on face; leaves rustle; ordinary vanes moved by wind.	Small wavelets, ripples formed but do not break: A glassy appearance maintained.
4	Moderate winds	20 - 29 km/h	11-16 knots	Raises dust and loose paper; small branches are moved.	Small waves - becoming longer; fairly frequent white horses.
5	Fresh winds	30 - 39 km/h	17-21 knots	Small trees in leaf begin to sway; crested wavelets form on inland waters	Moderate waves, taking a more pronounced long form; many white horses are formed - a chance of some spray
6	Strong winds	40 - 50 km/h	22-27 knots	Large branches in motion; whistling heard in telephone wires; umbrellas used with difficulty.	Large waves begin to form; the white foam crests are more extensive with probably some spray

# AUGC @ Uni O'Week 2010

The AUGC had a presence as usual at Adelaide University O-Week at the start of term. Unlike previous years we were not able to show off an aircraft on the Barr-Smith Lawns, however thanks to Tom Wilksch and his Gliding Simulator we were still able to give prospective members a taste of sports aviation.

A pilot's eye view.



Our new promotional team...



The AUGC Chalet and Simulator Bay



# Know Your Checks

## Pre Take Off Check - CHAOTIC

Performed by Pilot in Command.

- C** Controls work in correct sense.
- H** Harness/es tight and secure.
- A** Airbrakes cycled, closed and locked.  
Flaps set for take-off.
- O** Outside launch area clear.  
Wind speed & direction.  
Ground crew ready.  
Options on launch failure
- T** Trim set for take-off.  
Ballast secure.  
Tail dolly removed.
- I** Instruments reading normally, no damage.  
Altimeter set to QNH.  
Radio set to correct frequency.
- C** Canopies closed and locked.  
Undercarriage down and locked.  
Controls have full and free movement.

Refer to the back of the GFA Logbook for a list of GFA Standard Checks.

## Pre Hook-On Check - CARD

Performed by Launch Crew.

- C** Canopies closed and locked.
- A** Airbrakes closed and locked.  
Flaps set for take-off.
- R** Radio on and set.
- D** Wing and tail dollies removed.

# Diary Dates

1st Semester

1 March - 18 June

AUGC AGM

April 21, 7:30pm at the University  
(watch augc-people for further details)

Anzac Day Holiday  
June Flinders Camp

Monday 26th April  
12th - 16th June

## Aircraft Maintenance Program



Please lend a hand with the following tasks (see Redmond for details)...

### **Pukatek (KRO)**

Multiple testimonials have established that the VHF radio in KRO transmits very clearly - however reception is extremely poor to useless.

Form 2 due 3Q 2010.

### **Club Libelle (GMI)**

The seat recline detent mechanism has lost its locking spring. It can still be flown if pilots are (a) aware of the problem and (b) take precautions against the seat reclining during flight.

Form 2 due Q1 2010.

### **Arrow (GNF)**

Aircraft has been moved to Cathy's property outside Mount Barker. Repair work will continue throught the year. There are a number of woodwork repairs to complete - an excellent opportunity to gain skills in wood repair techniques.

### **MotorFalke (FQW)**

The Motorfalke is now due for a magneto rebuild.

### **Standard Libelle (GTX)**

Currently off-line and not operational. Not to be flown.

## Airfield Maintenance Program



### **Runway / Taxiway Marking**

The tyres that were cut up and painted have now been placed to mark runways. More tyres need to be cut and painted. The intersections of runways need to be better marked with more tyres.

Anthony is trialling a runway number marking scheme on RWY 11 using painted pavers.

### **Winch**

The Winch front engine is still not running well, and may need a new head gasket (or perhaps a new engine). The fuel pump wiring in the front cabin is faulty - do not try to start the engine unless you hear the electric fuel pump operating (or your effort will just drain the battery).

### **Windsocks**

Both windsocks are servicable.

### **Fire Trailer**

**PLEASE NOTE THE FIRE PUMP MUST RUN ON UNLEADED FUEL (ULP) NOT AVGAS.**

### **New Hangar Construction**

The hangar steelwork has had rust removed and repainted and moved from the hangar materiel holding area to the hangar construction preparation zone (where the new hangar is...).





The hangar construction progresses a few more steps...

## PAYMENT OF FOOD & FLYING

Everyone please note that:  
Payment for FLYING goes into the beige cash tin.  
Payment for FOOD & DRINK goes into the black cash drawer near the sink.  
AUGC Members can use the tick sheets located on the fridge doors to have their purchases charged to their AUGC account.



## WANTED!

Your photos, articles, observations, musings, news, events, notices, pontifications, ramblings and illustrations.  
(Almost) No offer refused.

Contact  
[editor@augc.on.net](mailto:editor@augc.on.net).

## GOING TO THE FLINDERS FLYING CAMP?

Need Cabin Accommodation at  
Rawnsley Park Station?  
and/or  
Want to come to the Sunday Night  
Club Dinner at the Woolshed?

THEN

Send an email to  
[dmedlow@adelaide.on.net](mailto:dmedlow@adelaide.on.net) ASAP.

# Flying Calendar

## April



*Sam shows his reluctance to go solo...*

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
			1	2 Good Friday	3	4
5 Public Hol.	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21 AUGC AGM	22	23	24	25
26 Public Hol.	27	28	29	30		

Visit <http://www.augc.on.net/Calendar.php> for the most up-to-date details on Club events.

## Stay In Touch

The Club has an email group address, [augc-people@lists.internode.on.net](mailto:augc-people@lists.internode.on.net), that is used to either discuss or arrange things within the club. If you want to stay in touch with the club, subscribe to the mailing list by filling out the online form at: <http://lists.internode.on.net/mailman/listinfo/augc-people>.

You can still send an email to the list even if you have not subscribed to it. There is also an 'augc-announce' list for official club announcements, courtesy of our friends at Internode. If you are an AUGC member and have provided your email address then you will already be on this list. If you want to join this list or want to change your subscription, go to:

<http://lists.internode.on.net/mailman/listinfo/augc-announce>.

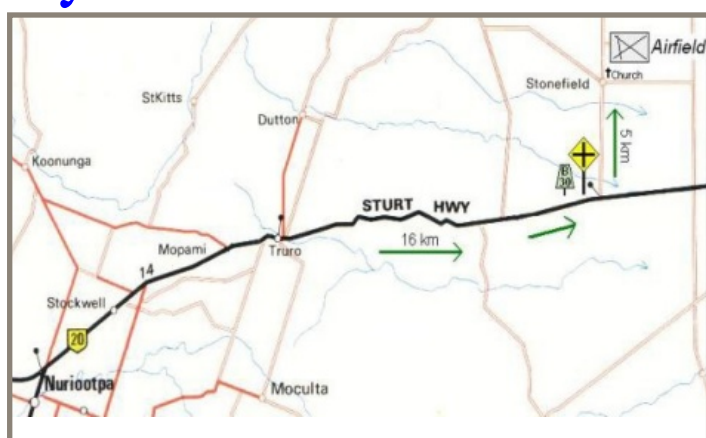
You can also get the latest newsletter and up to date news on what is going on at the Club's web page:

<http://www.augc.on.net>. If your email address is on the membership database the Club's Assistant

Treasurer can send you your account updates over the internet. Send an email to:

[accounts@augc.on.net](mailto:accounts@augc.on.net).

## Fly This Weekend!



Want to go flying on the weekend? You must ring the club contact person on the **Thursday before between 8.00pm and 10:00pm on 0412 870 963**, (or send an email:

[contact@augc.on.net](mailto:contact@augc.on.net)) so that he can organise instructors and transport for those intending to fly. Members can book via the online booking system at:

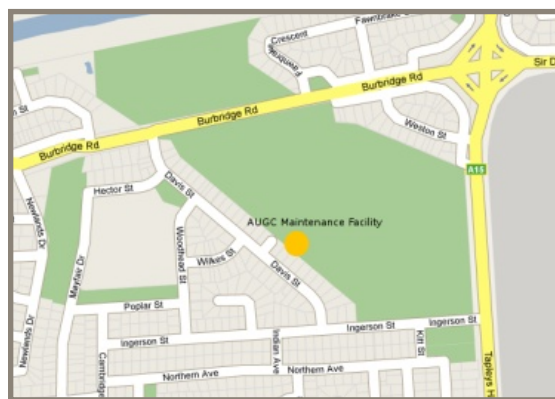
[www.augc.on.net](http://www.augc.on.net) and go to Gliding > Make a Booking.

You can either drive up yourself by following the map at left, or the contact person can arrange a lift to Stonefield either from the Adelaide University footbridge (meet at 7.15am to leave at 7:30am), or from the Caltex Service station on the corner of Montague Road and Main North Road (meet at 7.45am to leave at 8:00 am).

## Help out at West Beach!

West Beach is where we carry out the maintenance and repair on our gliders and equipment. There are usually people working down there on Monday and Tuesday evenings most weeks. The entrance is at the end of Foreman St, West Beach.

So you want to help fix the aircraft at West Beach, but can't get there? A lift can be arranged from the Adelaide University footbridge at 7.30pm via [augc-people@lists.internode.on.net](mailto:augc-people@lists.internode.on.net).



## Club Contacts

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