

# Uni Gliding

Vol 37 Number 5 - August/September 2012



The Official Journal of the Adelaide University Gliding Club Inc.

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



# Editorial

The Editor

# What's Inside...

Hi,

A shorter newsletter as there is limited activity on field at present, however the encouraging news is that we have stopped taking bits off of one of the new K-13s and started to put things back into it. The aircraft looks great and we have also been able to add FLARMS and new instruments as part of the refit.

Regards

Mr. Ed.



Editorial	Page 2
President's Message	Page 3
CFI's Message	Page 4
Congratulations	Page 5
Exec Meeting Notes	Page 5
SAGA Winter Lecture Series	Page 6
Maintenance Schedule	Page 6
EFTPOS & Paperwork Process	Page 7
From the AUGC Vault	Page 9
EFTPOS User's Guide	Page 10
Pre-take Off Checks	Page 11
Diary Dates	Page 12
Aircraft & Airfield Maintenance	Page 13
Gliding Calendar	Page 14
Stay In Touch	Page 16
Fly This Weekend!	Page 16
Help at West Beach!	Page 16
Club Contacts	Page 17

Currently flying, including air experience and training flights at Stonefield are operating at reduced capacity whilst we perform maintenance on our aircraft. Please help us get the aircraft back into service by volunteering your time to assist.

### Image Credits

Cover photo - Tom Wilksch captures AUGC's first own aerotow from Stonefield.

Calendar Pages - Astir (C. Conway), Release Test (D. Medlow)

AUGC Vault photos: D. Conway

# Uni Gliding

A publication of the Adelaide University Gliding Club Inc.

Uni Gliding is published approximately 10 a variable number of times a year or whenever the Editor gets around to it.

Composed using the Scribus 1.4.1 desktop publishing system and Microsoft Office 2010 and published to Adobe Acrobat standard PDF 1.5 using ancient indian chants and medicines.

Printed in Australia on recycled paper - assuming you print it in Australia and on recycled paper. It's pretty much your call, but if you do please consider the environment.

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# President's Message

Redmond Quinn

After a lot of effort by Cathy Conway and others the first of our K13's is about to enter service. This will allow our training operations to get back into full swing.

Whether you are pre solo or an experienced pilot, now is the time to reactivate your flying. Come out and contribute to the rebuilding of our operation. Summer is just around the corner so now is the time to brush away the cobwebs.

The new hangar at Stonefield is gradually getting to the stage where we can put it to use. This will relieve pressure on aircraft storage.

Our West Beach maintenance activity has been almost non existent this year. If we can reactivate the workshop we will get our other K13 and K8's into service quicker.

James McNeil has set up an EFTPOS payment capability for the club. It should now be easier to keep your account in the black.

We are always looking for a better way of doing things so if you have any good ideas on how to make our Club better please let us know.

Safe Flying

Redmond

Right: Cathy Conway recently set up an up-market lunch facility at Stonefield - it was a hit with everyone on field that day.  
(Photo - D. Medlow)



Left: Peter & Cathy Conway happy to start putting things back \*into\* an aircraft...  
(Photo - D. Medlow)

# CFI's Message

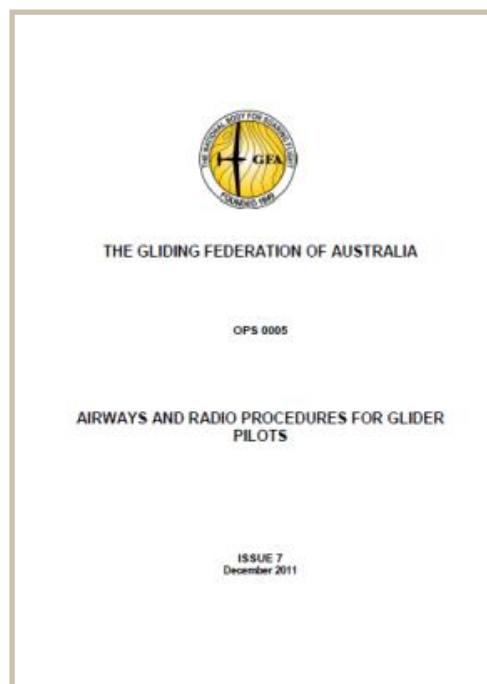
Dennis Medlow

Radios - of the VHF variety.

AUGC might not be flying much at the moment, but there is one thing you can do to improve your skills . Learn (or refresh yourself) on the Airways & Radio Procedures for Glider Pilots. (This document is freely available on the GFA website).

The GFA have stated that persons operating a VHF radio in a glider must possess a Radiotelephony License. Since all of our pilots must make radio broadcasts as part of their flights it means that all of our pilots must obtain this type of license.

The license itself is not hard to obtain. You need to know how to pronounce the phonetic alphabet (and numbers), you need to know the basics of talking on aviation frequencies, and you need to know how to communicate with other traffic, or how to talk to Air Traffic or other service organisations to arrange clearances or obtain other information. Once you have studied the information you can ask for a test with an instructor.



## Operational Goals for 2012/2013:

- One (more) AEF instructor
- One new Level 1 instructor
- 3 Silver C flights
- 2 Gold C flights
- Treating documentation as seriously as flight discipline (i.e. very seriously).



## HINT!

An easy way to practice the phonetic alphabet is to recite the license plates of cars that you see on the road using the number and letter pronunciations in the guide.

Left: Our first K-13 is now being reassembled - and there is no doubt about who owns it. (Photo - C. Conway)



# Congratulations!

Nat Shearer - for converting to the Single Astir and achieving his B Certificate.

Michael Conway - for becoming an Air Experience Instructor and being selected for a Air Cadet exchange to the United States.

## Exec Meeting Notes

**A precis of items from the June Executive Meeting. For official minutes contact the Secretary.**

A historic first operation of aerotow by AUGC occurred recently when the Super Dimona was used to aerotow aircraft when the winch carby died.

No progress has been made on the hanger in the past few weeks. Redmond will provide a list of work to be done for the next Working Weekend.

The fuel in the bunker will be changed over to 98 octane as this is better for the Motorfalke. A drum of AVGAS will be retained for occasional use in FQW to lubricate its valves. Diesel will also be used, but can be bought in jerry cans (two jerry cans have been recycled and painted for this purpose).

The Treasurer has been asked to open an investment account to enable a higher rate of interest on funds not needed for operations. A new EFTPOS machine has been obtained and has already been used for payments.

There is an urgent need for Clubhouse food - the Clubhouse officer (Michael Conway) will be sent to the Supermarket...

Cath has replied to Sports Association requesting space at the Uni Re-O Week promotion and investigated taking the Elec Eng simulator.

Need to advance the new Clubhouse project with the Sports Association. Need to also discuss with them offsets for insurance costs.

Permission was given for KYR to go to the cadet camp at Gawler. There are 3 more cadets learning at AUGC through the RAAF scholarships 1. Andrew Lusher 2. Bennett Lusher 3. Jamon Barnes.

The existing RAAF scholarships have been extended until 1 Jan 2013.

# SAGA Winter Lecture Series

All Lectures held in Chemical Engineering Seminar Room University of Adelaide. Meet 6:50 pm at Gate 5 Frome Road for Basic 7:00-8:00 Advanced 8:30-9:30pm. Call Cath 0429 803 705 or Anne 0409 202 250 for entry if late.

Program subject to change at short notice. Search "SAGA Winter Lectures" in Facebook for latest details or subscribe to aus-soaring at <http://lists.intermode.on.net/mailman/listinfo/aus-soaring>

## Sports/Coaching

This Winter we follow the Syllabus in the GFA Cross Country Pilots Handbook.

Copies available free at lectures

Date	Topic			
18 June 2012	Basic Preparation	Craig Vinall	Instrumentation for Meteorological Research	Andrew McGrath
9 July 2012	Ridge and Wave	Frank Johann	SPECIAL GUEST LECTURE Flying at Bunyan	
20 August 2012	Cruising	Frank Johann	Navigation	Andrew Horton
17 September 2012	Basic Outlanding	David Conway	Advanced Preparation	Anthony Smith
15 October 2012	Basic Flight Analysis	Matthew Scutter	Advanced Flight Analysis Lessons from Uvalde	Terry Cubley

## Operations/Airworthiness

23 July 2012	DI Theory for Rating	John Hudson	Airworthiness
30 July 2012	Engine DI Theory	John Hudson	Airworthiness
27 August 2012	Safe Winch Launching (BGA)	Redmond Quinn	Operations
24 September 2012	Accident Analysis TBC	TBA	Operations

# AUGC 2012 Maintenance Schedule



Despite everyone's fervent hope, maintenance at Stonefield does not happen by magic. In 2012 the AUGC will dedicate four specific weekends on field at Stonefield to performing preventative maintenance, airfield improvements and aircraft inspections. The first and second of these has now been held and thanks to those that attended they were a great success.

The remaining weekend is:

**Weekend 4 Sat/Sun 18/19 Nov** (Weekend after final Uni exams conclude, primarily for aircraft maintenance)

**The purpose of the weekend is to get as many of the things on our 'to-do' list completed. This will include aircraft Form 2s, hanger, winch maintenance, clubhouse maintenance & cleaning etc.**

# EFTPOS @ AUGC



Electronic payment technology in the form of a mobile EFTPOS terminal has finally found its way into AUGC. The new terminal allows processing of credit and debit cards on field with a printed receipt.

The use of the terminal allows everyone to settle their flying at the end of each day so there should no longer be any debts being accrued by members.



## New GFA & Club Paperwork Processes

The Club has instituted a new method to process and handle GFA, Sports and Club Membership forms. In the past we have had issues with forms being lost and this can be both an inconvenience to the member involved as well as a potential insurance liability.

Therefore the following changes have been made to the way we handle this paperwork which are outlined below. All members will comply with the new procedures.



1. UNDER NO CIRCUMSTANCES are the GFA Form books or membership form books to be removed from the Clubhouse.
2. Members will be given their AEF or GFA Membership form copy once completed AND witnessed. They need to keep this as their GFA proof of membership until their card has been received. Instructors may request to see this at any time.
3. Once completed the Club, Sports Association & GFA copies of the forms as well as completed flight sheets must be placed in the TOP tray in the Clubhouse.
4. Only the Club President, Treasurer, CFI or Derek Spencer are to remove completed forms from the Clubhouse.

Members are encouraged to photograph forms and flightsheets for emailing to [treasurer@augc.on.net](mailto:treasurer@augc.on.net), but this is only to provide a back-up check so that we know the physical paper form is there to be collected.



Detailed instructions are located above the trays in the Clubhouse - Please read them (reproduced on next page).

Completed forms go in the top tray.

Form blanks can be found in the bottom tray.

# New GFA & Club Paperwork Processes (Cont.)

This document covers the following procedures:

- GFA Introductory Membership (Air Experience Flights)
- GFA, Club and AUSA annual memberships
- On field handling of flight sheets

## **Air Experience Flights:**

A prospective member may engage in Air Experience Flights on the following basis:

- The prospective member must make the appropriate Air Experience Flight payment (see separate Charges sheet) and complete a GFA 9 Day Introductory Membership Application.
- The payment must be recorded on the back of the flight sheet.
- The form must be witnessed and activation date entered.
- Parent/Guardian signature is required under 18 years of age.
- This membership is effective for 9 days (effectively 2 consecutive weekends) and cannot be repeated. If the person returns on the second weekend they must bring the yellow copy of the form with them.
- No club or AUSA membership is required while flying under the GFA Introductory Membership.
- The white copy of the form must be placed in the completed forms tray on top of the safe in the clubhouse.
- The prospective member shall keep the yellow copy
- Leave the pink copy in the book.

## **Annual Memberships:**

Training beyond the initial Air Experience Flights will only occur on the following basis:

- The prospective member must make the appropriate payments (see separate Charges sheet) to join for 12 months each of AUGC, Adelaide University Sports Association and GFA.
- Following payment both the long term GFA form and club membership application will need to be completed
- The GFA form must be witnessed and activation date entered.
- Parent/Guardian signature on the GFA form is required under 18 years of age.
- The white copy of the GFA form must be placed in the completed forms tray on top of the safe in the clubhouse.
- The prospective member shall keep the yellow copy of the GFA form
- Leave the pink copy of the GFA form in the book.
- The completed Club Membership Application form must be placed in the completed forms tray on top of the safe in the clubhouse.

## **Flight Sheets:**

- All completed flight sheets are to be placed in the completed forms tray on top of the safe in the clubhouse at the end of the flying day.
- All payments made on field whether electronic or cash must be recorded on the back of the flight sheet.
- Cash collected must be bagged with a note identifying associated flight sheet date and removed to Adelaide for banking. This must be done by the instructor of the day or other authorised club members. Bank transaction should identify flight sheet date.

## **Further Requirements:**

- GFA and Club Membership forms must be completed in the clubhouse. Do not take them to the pie cart. The books of forms/blank flight sheets etc shall remain on top of the safe.
- Completed forms will be returned to Adelaide by authorised club members only.
- It is critical that forms be filled out neatly and accurately. The form witness should ensure the documents are legible.
- If any books of forms etc are running low put a note on the back of the flight sheet.



# From the AUGC Vault...



Left: The original hanger build at Lochiel.



Above: An athletic looking Brad Gould helps on the original build.

Below: The original hanger takes shape.



Right: Who's that young fellow in the tank?

(Hint: It's a recent AEF appointee, RAAF exchange cadet to the US - yes Michael Conway).

(Did we remember to take him out of the tank?)



# EFTPOS User's Guide

James McNeil

1. Complete a "TAX INVOICE / STATEMENT" form.
  - a. Make sure you start on a new "Original" copy of the form. Place the backing cardboard 3 sheets down (after the next blank page). This will make 3 copies of the form as you write.
  - b. Write the customer's name and what they are paying for on the form.
  - c. If this is a club member paying their account which they have previously been invoiced for, then put "Payment of Account" as the item.
  - d. Write the amount in the amount column and the total down the bottom. Write "Nil" in the GST fields.
  - e. If you make a mistake on this form, you can cross it out and continue. If the form becomes too messy you can draw a line diagonally across the form and write next to it the word "CANCELLED" in clear writing. Start again on the next fresh "Original" page.

**2. Make the transaction over the EFTPOS terminal. If you make a mistake at any time you can push the red "Cancel" button to start again.**

- a. Make sure the terminal is switched on (push the up arrow if it is not)
- b. Enter the customer's card into the chip reader at the bottom of the machine if the card has a chip, or swipe the card's magnetic strip if it doesn't (strip must face the left of the card slot)
- c. Enter the amount of the purchase
- d. Allow the customer to choose which account to use (Credit, Cheque or Savings). AUGC does not apply any surcharges for credit cards.
- e. The customer can then enter a PIN or press enter and sign. If the customer elects to sign the EFTPOS machine will print the "Merchant Copy" of the transaction which the customer must sign. After signing, the club member taking the payment MUST verify that the signature on the back of the card matches the signature on the "Merchant Copy".
- f. Once the PIN or signature has been verified the transaction will be completed. Push enter to print a customer copy of the transaction.

**WARNING:** No details from the customer's card appear in the Club's bank statements. A "Tax Invoice / Statement" form MUST be attached to every payment.

**3. Tear out the "Original" and "Duplicate" sheets of the "TAX INVOICE / STATEMENT" form.**

- a. Staple the "Customer Copy" EFT receipt to the "Original" form and give to the customer to keep
- b. Staple the "Merchant Copy" EFT receipt to the "Duplicate" form and place in the documents box (where the flight sheets go).

# Pre-TakeOff Check



The GFA pre take-off check is known by the pnemonic 'ABCD-CHAOTIC'.

All pilots must use this form of the check. For more information see the GFA Operations Bulletin OD 01/11 available at <http://www.gfa.org.au>.

## Pre-Take Off Checks (from **OUTSIDE** cockpit)

- A** AIRFRAME inspected and ready for flight.
- B** Need for BALLAST determined. Ballast weights installed/secured or removed as required.
- C** CONTROLS checked for correct sense and operation to full extent incl. airbrakes and flaps.
- D** Check that no tail or wing DOLLIES are attached to the aircraft.

## Pre-Take Off Checks (from **INSIDE** cockpit)

- C** CONTROLS checked for correct adjustment and seating position.
- H** HARNESS/ES tight and secure (front and rear if applicable).
- A** AIRBRAKES closed and locked.  
FLAPS set for take-off.
- O** OUTSIDE strip clear, wind, airspace clear.  
OPTIONS launch speeds, launch failure actions.
- T** TRIM cycled and set for launch.
- I** INSTRUMENTS set to QNH, intact, avionics on,  
radio set to 126.7 MHz.
- C** CANOPY closed and locked.  
UNDERCART down and locked.  
CONTROLS full & free movement.

Cut this page out and have it handy.

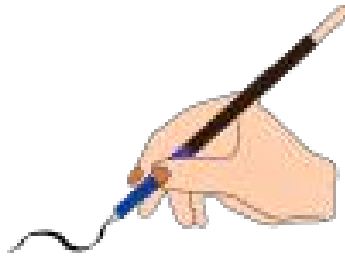


# AUGC on Social Media

Having joined the social media revolution, there is now a Twitter account for @AUGCCFI. Follow it for insightful thoughts 120 characters at a time...



## Logging Aircraft Flights Reminder



So far we've been pretty good at updating the DI books at the end of the day - thanks to everyone that has been doing this and please keep up the good work!

Please remember that the aircraft DI books need to be updated at the end of **EVERY** day's flying.

It is not good enough to leave it on the assumption that someone flying the next day will do it.

**If you fly it - then record it.**

(If you don't know how - please ask an instructor).



## CALLING ALL PILOTS

If you are solo (or approaching solo) then you should be applying for a Daily Inspector (DI) rating for the aircraft types we fly.

A DI rating means that you can help others by inspecting and signing out the aircraft to fly for the day. It is also essential if you want to gain an independent operator rating.

Form 2 Inspectors (Redmond Quinn, David Conway, Anthony Smith, Cathy Conway) can advise on the requirements and process for obtaining a DI rating. Make it happen!

## Diary Dates

Club Maintenance Days 18-19 November.  
Khancoban Excursion November



# Aircraft Maintenance Program



## **K13s: (GQC) and (GQS), K8s: (GQU) and (GQW)**

Landed in Adeaide in various locations, surveys and Form 2 work to be conducted. GQS has been inspected and die checked and is in the process of being reassembled.

## **Single Astir (KYR)**

Airworthy - has been used at Gawler for Cadet training. Now back at Stonefield.

## **Pik 20D (WVA)**

Currently in West Beach awaiting Form 2 work - some issues with bent pushrods are being rectified by an approved workshop.

## **Arrow (GNF)**

Repair work will continue throught the year. There are a number of woodwork & fabric repairs to complete - an excellent opportunity to gain skills in wood repair techniques.

## **MotorFalke (FQW)**

**Currently out of service whilst undertaking a range of maintenance items.** The old exhaust has been removed and the new one is ready to mount. The prop has been inspected and the oil seals that were leaking replaced by a propellor agent in Sydney.

During the inspection the cylinder heads were found to be cracked, requiring an expensive replacement. Head cracks are generally due to poor pilot management of engine temperatures. This has resulted in a very expensive repair.

# Airfield Maintenance Program



## **Fuels aint Fuels**

There are two jerry cans on field that are marked 'DIESEL'. They must only be used for DIESEL fuel. If you have difficulty wth this concept then do not touch them.

## **Windsock**

Our primary (white) windsock has been replaced thanks to the efforts of Dennis, Redmond and Derek. True to form as soon as it was serviceable the secondary (yellow) windsock broke. A replacement is now on field and Derek will need to supply another of his awesome windock frames.

# Calendar

## August



*Nat Shearer (RAAF Cadet) gets converted to the Astir*

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
		1	2	3	4	5
	6	7	8	9	10	11 12
	13	14	15	16	17	18 19 BVGC Flying Day
Winter Lecture	20	21	22	23	24	25 26
	27	28	29	30	31	

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

# Calendar

# September



*Michael and Peter Conway undertake release testing of a K-13 back release - one down, four more to go... (on a serious note, its good to see that both are using protective equipment when performing the test as the process required the release to be placed under considerable load.)*

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
						1 2
	3	4	5	6	7	8 9
	10	11	12	13	14	15 16 BVGC Flying Day
Winter Lecture	17	18	19	20	21	22 23
	24	25	26	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>.

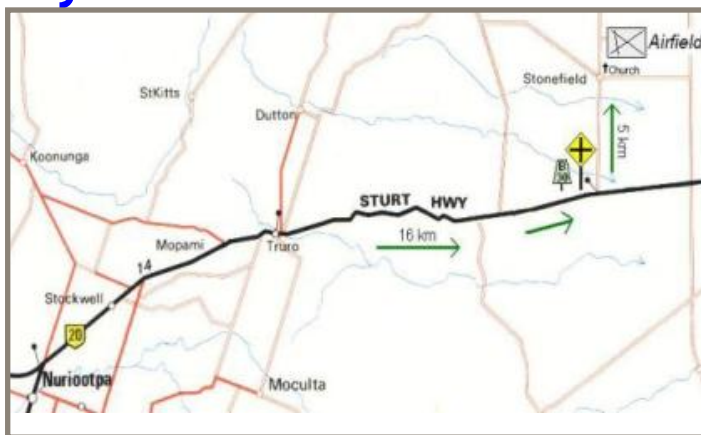
You can also get the latest newsletter and up to date news on what is going on at the Club's web page:

<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

President:	Redmond Quinn	08 8344 5331	<a href="mailto:president@augc.on.net">president@augc.on.net</a>
Treasurer:	James McNeil		<a href="mailto:treasurer@augc.on.net">treasurer@augc.on.net</a>
Secretary:	Cathy Conway	0429 803 705	<a href="mailto:secretary@augc.on.net">secretary@augc.on.net</a>
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