

Vintage Times

N E W S L E T T E R O F V I N T A G E G L I D E R S A U S T R A L I A

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FROM THE EDITOR

Many thanks go out to all who helped me get the last issue of Vintage Times out.

In this issue we cover the annual Rally at Bordertown Gliding Club.

Dave Goldsmith helped me out again with his article on the

rally.

I talk a bit about Kaurit Glue , in - From the workshop.

We send out a reminder of the rally's coming up this summer.

And a reminder that if you have any thing to say or sell just drop me an e-mail for the

next Vintage Times.

JR and Ruth add in their Reports.

Dave Howse

B O R D E R T O W N R A L L Y 2 0 1 8

The Vintage Gliders Australia Annual Rally 2018

Wow! What a way to start a rally! Saturday 6th January's forecast of 43 degrees and catastrophic fire danger was followed by a pall of smoke approaching Bordertown Airfield from the north-west! Evacuation plans were considered but thankfully the south-westerly wind change arrived about 90 minutes early, diverting the fire to our north, much to our relief! The pall of smoke over airfield and town remained for some time to remind us of our close escape! Oh, and no flying was done due to the catastrophic fire danger preventing winch operations.



Vintage Gliders attending the rally were:-
Cherokee II VH-GPR with Peter Raphael
ES60 Boomerang VH-GTL with Mike Renahan
ES60 Boomerang VH-GQO with David and Rosie Howse
Chilton Olympia "Yellow Witch" VH-GFW with JR Marshall, and Amy
Ka6CR VH-HNA with John Mackley
Ka6E VH-GGV with Erik Sherwin
Ka6E VH-GEA with Dave and Jenne Goldsmith
ES52 Mk IV Kookaburra VH-GNZ with Brian and Dale McIntyre
Woodstock VH-GBR with Peter Champness
 Motor Gliders visiting
Cathy and Dave Conway SuperDimona
Emilis Prelgauskas Grob 109

Other members and friends visiting included Noel Matthews, Alan Bradley, Ged Terry who popped in from England, Gary Crowley, Emilis Prelgauskas, Bob Hickman, Kim Van Wessem, Peter Fietz, Ian Caldwell, meteorologist Peter Bannister, Geoff Hearn, Sylvia Sharman, Tim Svenson, Alan and

Margaret DeLaine, Bailey Roberts, Leigh



Bunting, Ruth Patching, George and Helen Buzuleac, and Colin Collyer, who was unfortunately taken to hospital with a torn hamstring after tripping on a wayward trolley. In addition Bordertown Keith members included Peter Brookman, Trevor Carter, Marcus Trnovsky, Brian and Jack Gerhardy, Terry Ryan, Adam Howell, Anthony Quilter, Damien Van De Velde and Gary Williams.



Sunday's weather after the change was much more pleasant but thermals were only going to about 4,000 feet. We rigged our aircraft and had a relaxing day as some winch problems interrupted flying. There were two Kookaburra winch launches and a Ka6E soared for a while after launching behind a friendly Super Dimona that dropped in – thanks to Cath and David Conway.

By Monday the rally was in full swing with lift available to 4,500 feet and everyone keen to fly! Each day improved up until Thursday including many flights of up to 8,000 feet, and over 3 hours, were recorded.

B O R D E R T O W N R A L L Y 2 0 1 8

Wednesday an information evening about the Angel Flight was presented by Owen Crees, supported by Lucianne Van Gelder, and Denis Grosser. This wonderful voluntary organisation takes up where other emergency services leave off, by providing air and ground transport to patients and family of those adversely affected by health issues, when recommended by a health professional.

Rain on Friday effectively brought the flying to an end, however the VGA AGM at morning tea time brought some lively entertainment as issues and projects were discussed. Winds on Saturday were good for kite flying with Leigh Bunting getting the best height and weatherman Peter Bannister recording best distance as his weather balloon disappeared interstate over the border into Victoria on a downwind dash.

Saturday evening's Annual Presentation Dinner was very well attended and lots of fun. The Bordertown Boys provided a delicious dinner, followed by the awards presentation:-

The VGA League 2 Trophy for the best League two flight during the rally was won by

Peter Raphael in the Cherokee with 77 km.

The Geoff Gifford trophy for the longest flight between rallies was awarded to Jenne Goldsmith for 360 km in the Ka6E.

The Renmark Trophy for the longest flight of the rally went to Dave Goldsmith for 213 km in Ka6E VH-GEA.

The best maintained Schneider Glider was won by Kookaburra VH-GNZ with Brian McIntyre.



The Feathers Encouragement Award was also won by an enthusiastic John Mackley.

The VGA Raffle was then drawn and the winner of Martin Simons' fabulous book "The World's Vintage Sailplanes 1908-1945" was won by Lyle Whitfield of Goulburn, who was delighted when informed of his win. Other contributed local prizes were also included in the raffle. Thanks to all those who bought tickets.

Then followed the inaugural "Patching Address", named in remembrance of the Patching family contribution to Vintage Gliding. This year's interesting and sometimes spine-chilling presentation was by Tony Mokunas about his many years flying in the wilds of New Guinea for regional airline Talair. Tony swears it is all true, and this was backed up by Noreen, the young bride he took with him!

So, on Sunday morning we reluctantly said our good-byes and started the journey home, vowing to keep in touch with our wonderful friends in vintage gliding until we all meet again for the next Bordertown rally to be held from 5th to 13th January 2019.



The best single seater was awarded to Ka6CR VH-HNA with John Mackley.



FROM THE WORKSHOP

KAURIT GLUE

At Bordertown a lot of talk around the bar was about the British Gliding Association Mandatory aircraft inspection (no 042/07/2004) for Wooden Schleicher gliders glued with Kaurit glue. This included the Ka1, Ka2, Ka3, Ka4, Ka6, K7, K8, K10, ASK13, ASK14, ASK16, and ASK18. I went into details about the inspection program but to say if you have one of the listed aircraft get a copy from the BGA .

What I was going to talk about is the glue itself. This will help you understand why there are vast differences with the same glue used on the same aircraft. Most of this info comes from Hans Jacobs book Werkstatt-Praxis für Segelflugzeugbau, and VGC news no.145.

Kaurit is a synthetic resin glue of the ureaformaldehyde type, some times called amino-Aldehyde or Beetle Cement. It was developed by Dr. Hanns Klemm, and was used by aircraft builders from the 1930 on. Kaurit WHK is the W glue mixed with Bakelite powder to 20%. This inhibits crystallisation of the glue. The Bakelite powder can be black or blond. The black looks like Resorcinol glue but smells different when sanded.

Kaurit is a two part glue. An acid catalyst is brushed on to one side of the joint and allowed to dry. This acid is tinted red and gives the plywood a pink colour. On the mating surface a paste of glue is spread. The glue is supplied as a powder and is mixed with water. After initial 10 minute mixing it must stand in a covered container for 15 hours. It is then checked for viscosity, more mixing of water requires an additional 15 hours sit.

Shelf life is up to 2 months in a cool air tight container, If a skin forms on the glue it must be removed and discarded and never stirred back into the glue. Reliable glue joints can only be achieved in a dust free environment held between 15 to 20 C and relative humidity at 60%. Glue must be at room temperature when applied. At least 7 - 8 minutes of open time should pass between application and bringing the parts together. If in this time a skin forms it must be removed. Full clamping pressure must be applied within 15 minutes of bringing the two parts together. The whole process must be completed in under 30 minutes. Additional clamping pressure can not be applied. Clamping time at 20c is 3 hours to 6 hours at 15c this only gives half strength. Full strength after 24 hours at 20c. At 10c curing might not occur at all.

As you can see there are a number of variables that can lead to a range of quality in glue joints. Our job is to test the glue strength and confirm that it is still airworthy. There is a suspicion the kaurit glue degrades with age and high humidity storage.

David Howse

Coming Events

Hunter Valley Gliding Club

Vintage Glider Rally



**Easter 2018
(30th March - 8th April)**

The Hunter Valley Gliding club invites all pilots to the Vintage Flying regatta at the Warkworth airfield during Easter 2018 and the week following.

Aerotow launches will be provided by the clubs vintage Pawnee (min airspeed 60kts) from Friday 30th March through to Sunday the 8th of April. A second Tug may be available over the main Easter weekend if sufficient pilots indicate they will be attending.

A modern club house and amenities block are available for use by all guests along with limited bunkhouse accommodation. There is plenty of space for camping on site, or hotels and guest-houses

in the nearby towns of Singleton or Broke. Evening meals will be available at modest cost on Easter Friday, Saturday and Sunday.

Bring your own aircraft or have a fly in a vintage two seater. Warkworth's club two seater fleet including the Duo Discus will also be available.

For more information contact:

Peter Rundle, 0417 684 313, sf27mz@gmail.com

Arie Van Spronson, 0419 973 343, arie@internode.on.net

Please visit the club web site to register: www.hvgc.com.au

Letting us know you are coming helps us insure we have sufficient resources to cater for everyone.

Vintage Times

Newsletter of Vintage Gliders Australia

Remember to call Alan Patching for your GFA Form 2 concession approval on 03 9817 5362

Vintage Gliders Australia was formed to help and promote the flying and maintenance of older gliders. With their unique flying characters and individual airworthiness problems this group sets out to assist anyone interested in these wonderful flying machines.

WWW.VINTAGEGLIDERSAUSTRALIA.ORG.AU

WANTED new project



I am on the hunt for my next rebuild or restore project.

So if you have a old aircraft or glider that you think is time to move on from, then give me a email .

High on my list is -

- Rutan solitaire kit
- Unfinished homebuilt wood or glass aircraft.
- No blarik's please

Dave Howse

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0447 470 747

P.S. Don't tell Rosie !

EP2 VH-IZZ for sale

EP2 VH-IZZ

New Form 2

Trailer and tow gear

Survey carried out this year

Similar performance to a Boomerang

192 hrs 268 landings

\$5,000 ONO

Dave

Dave.rose4@bigpond.com.au

0447 470 747



PRESIDENTS Report

So another annual vintage rally has come and gone. For those who were not there, you missed a week packed with action and excitement. Can you tell me what other rally has ever started with a bushfire so close you could roast the marshmallows, by just sitting them on the fence.(we were a little concerned until the wind changed). So that was day one. There were some people who said " well that was pretty special, how are you going to top that?" The evening of day two, after a great meal, and some refreshing drinks, we retired to the veranda to watch one of the most intense lightning displays seen since the dawn of time, absolutely awesome.

Just when you thought it couldn't get any better, we of the grassy knoll viewing group, were witness to an aerotow demonstration that was truly epic. The outcome of which kept the owner of the sailplane up for 3 nights repairing the damage. The pilot of the piper cub tug, was inconsolable, and had to put the pieces left into a box, and post them back to the owner. **(editors note, This was not my Supercub!)**

So what seems to have become some sort of macabre tradition, someone was packed off to the local hospital. This years secret ballot winner was Col, and his prize was 3 glorious weeks in a resort style spa, totally pampered and having occasional visits from local celebrities. (what a "lucky man").

There were some fantastic days of flying, some brilliant nights of fun and frivolity, model and kite flying (with a kite going cross country just for something completely different), plenty of tall tales told and "cold ales consumed". The guest speaker had us enthralled with his tales of life and flying in Papua New Guinea. (thanks Tony and Noreen). I don't know how Gary finds these guest speakers, but they have been very interesting to listen to. So I would just like to say thanks to all of you who attended and made this rally another fun event.

cheers JR

Membership Secretary Report

There are currently 122 financial members (thank you to those who paid their membership during the rally), up from 93 at this time last year. Three new members signed up during the January Bordertown rally, so a hearty welcome to (Mrs) Dale McIntyre, Geoff Mackereth and Jeff Maidment, all from South Australia. A hearty welcome also to other new members who joined during 2017:

from SA, Peter Bannister, (our honorary weather man at the two most recent rallies), Robert McEwin and Derek Spencer; from NSW, Peter Cesco (GFA President), Paul Dickson, Robert Hare, Paul Hildenbrand, Chris Hooper, Ronald Kingston, Alex O'Connor; and from Victoria, Peter Lemm.

Many of the new members have been recruited by David Goldsmith (great job, thanks David). Unfortunately there were also a number of resignations during the past year for various reasons.

Quite a number of people have not renewed their membership which was due on July 1 2017. If you are one of these you can pay your \$20 fee directly into the VGA account (BSB 033 624, Account 176 101) or post a cheque to the address below. Please advise me of any change of contact details when you re-new. If you need to check on your status, contact me as per below.

If you no longer want to receive renewal notices please let me know by phone, email or letter:

Ruth Patching 0437 525 666, ruthpatching@hotmail.com, or
VGA, 50A Angus Ave Altona Nth VIC 3025

Ruth,
Membership Secretary and Treasurer



