



Airwaves

Sports Aeromodellers Association Moreton Bay Region

Monthly Newsletter - August 2015

Caboolture Heritage Society - 5th & 6th September

The Caboolture Heritage Society (near the Historical Village) is hold a national flag raising ceremony on **5th September** and have asked if SAAMBR members would be kind enough to organise a static display of model aircraft. Aircraft can be dropped off from 6.30am.

The display is open to the public from 8.30am—12.00 midday. All models and helicopters regardless of size are welcome. For further information contact **Col Parry** on **3888 3848**.

On Sunday 6th September The Caboolture Warplane and Flight Heritage Museum is holding a Wings and Wheels day. Below is an information leaflet and all members , friends and family are invited to attend.

BLISTERS !

It's a well known fact that blisters appear after hard work has been done. We seem to have a few members who could be called "*Blisters*" when it comes to fronting up for working bees. Cut-off time for signing the attendance book is 8.30am with some members expecting to get a working bee credit when they front up well after this time. Be advised the book will be taken away at 8.30am and if you haven't signed it beforehand.....BAD LUCK !

Next Meeting AGM
Friday 28th August 7.30pm
Community Hall
Cnr Todd & Ellis Sts
LAWNTON



CUSTOM SPINNERS

Graham Ross
graham@tag-model-spinners.com
www.tag-modelspinners.com

Wings & Wheels 2015

When: Sunday September 6th

Where: Hangar 101, McNaught Rd, Caboolture (Airfield).

Time: Gates open 8.00am-3.00pm

Entry:

Family \$25 (2 adults ,2 children).
Adult \$10; Children \$5.
Concession \$5

Entrants:

Vehicles \$10 includes driver and \$1 passenger. All extras \$5.

Aircraft:

Please pre-book to secure your space and help us to account for numbers

Entertainment

Music Duo

Me and JodyLee . 3 hours 10am-1pm

Pin Up Girl Competition

Miss Wheels and Wings 2015 (Styled on the 40's & 50's)

Competition starts 11am , prizes to be won.
Entry to be advertised.

Vehicle Prizes

Best veteran, vintage, classic, Hot Rod and Military.

Refreshments

BBQ's to U—great burgers and sausages.
Coffee & Tea. Ice cream vendor

Entrants—Free tea & coffee in Museum

Joy Rides

(C47 Dual Engine Run)

Warbird joy rides available. Pre-book or pay on the day. (contact via the Museum).

Museum Raffle

01 Bird Dog Joy ride. Drawn at 1pm. Joy flight can be taken on the day.

For All Enquires Please Contact:

Chris 0405 766 465

Mark 0417 490 066

Email: chevynut@hotmail.com

PLEASE NOTE

This is not an Airshow.

The airfield will still be open for normal operations.

Come & have a great day with a wide variety of Cars and planes.

For more information contact:

Caboolture Warplane & Flight Heritage Museum Inc.

Hangar 101, Mc Naught Rd Caboolture Qld 4510

Telephone: 07 5499 1144

Email: caboolturewarplanemuseum@gmail.com

Or find us on **Facebook**.



On an Electrician's truck:
"Let us remove your shorts."

In a Vets waiting room:
"Be back in 5 minutes. Sit! Stay!"

In the front yard of a Funeral Home:
"Drive carefully. We'll wait."

Sitting on the side of the highway waiting to catch speeding drivers, a Police Officer sees a car puttering along at 22 Kmh.

Says to himself: "This driver is just as dangerous as a speeder!" So he turns on his lights and pulls the driver over. Approaching the car, he notices that there are five old ladies - two in the front seat and three in the back - wide eyed and white as ghosts.

The driver, obviously confused, says to him: "Officer, I don't understand. I was doing exactly the speed limit! What seems to be the problem?"

"Ma'am," the officer replies: "You weren't speeding, but you should know that driving slower than the speed limit can also be a danger to other drivers."

"Slower than the speed limit? No sir, I was doing the speed limit exactly...Twenty-two kilometres an hour!" the old woman says proudly.

The Police officer, trying to contain a chuckle explains to her that 22 is the highway number, not the speed limit.

A bit embarrassed, the woman grins and thanks the officer for pointing out her error.

"But before I let you go, Ma'am, I have to ask.....Is everyone in this car OK? These women seem awfully shaken, and they haven't made a peep this whole time." the officer asks.

"Oh, they'll be all right in a minute officer. We just got off Highway 189."



Meeting Dates for 2015

Here are the dates for club meetings to be held this year. Put it in your diary.

Friday: **August 28th, October 30th, November 27th 2015.**



RAFFLE

Ewan Hutchison has kindly donated a handmade leather jacket to the club as a raffle prize. The winner may have a choice of colour, size and style. Additional details and raffle ticket prices will be forthcoming in the following weeks.

Ewan was kind enough to donate one a few years ago at an Airshow with the winner being one of our members who will no doubt attest to their quality.



No bullet holes in these!

Editorial Comment

Yes, it's that time of year again. Next meeting will be our AGM and all positions are up for nomination. This is your club so please give serious thought as to your involvement and what you can contribute. We need **you** to make it happen!

Now's the time to reflect on what the club has achieved over the last year and in particular thank President Brad for his commitment and involvement in the running of the club. Due to work demands he will be stepping down as President and we take this opportunity to thank him for his devotion and guidance (and he cooks a mean banger).

2015 has been a busy year with members voting on which national association to belong to. There was some healthy, and not so healthy, debate around the tables but pleasing to see this has been resolved by majority vote and the matter has finally been put to rest.

At a state and national level the MAAQ & MAAA has listened to clubs' concerns and taken steps in improving relations and streamlined activities and communications with all clubs.

Of course all SAAMBR committee members must also be recognised for the great job they have done. The club could not function without these dedicated people who put in their own time and expense to ensure everything runs like clockwork.

There are others behind the scenes who go unnoticed. People who clean the toilets, ensure tea, coffee and drinks are always on hand and gas is there for the kettle and barbeque; the librarian; the working bee co-ordinator; the CFI, the person who rises before sunrise to mow the lawn before most flyers arrive; the firewood supplier; rubbish bin emptier, drinks can disposer etc. These activities often go unseen and are extremely important tasks.

The Uhlmann Road field has come together nicely with the dedication of those people who have given so much of their time to make it happen. Thumbs up boys.

On reflection we are fortunate to have such a great bunch of blokes which makes our club the envy of many others.....and don't they just love the new field and facilities !!

And lastly, many thanks to those who regularly turn up for every working bee. As with any club they are always the same people who help out. Thanks guys.

Dick Hall
Editor



Tips From The Workshop -What Glue to Use ?



Glue is what holds our hobby together. But which one should you use? Here's just a few types you may need along the way. Over the years things have moved on from Tarzan's Grip and Uhu. Some glues that are great for balsa don't work too well on foamies etc.

CA

Years ago this was called Superglue and came in tubes about the same size ones that Barbie might have had in her makeup bag. It's strong, light, brittle and bonds balsa like nothing else... including skin! It's the main glue used by all hobbyists. Some flyers even add baking soda to it to fill gaps. Bonds Wood, Fiberglass, Aluminium, China, Cloth, Metal, Most Plastics, Pottery and Rubber. It's good stuff.

Zap Foam Safe CA

In the early days of foamies we all thought that if normal CA was good for balsa it would do the trick for foam. But we quickly found that it melted it. There's a number of specialised foam glues on the market so it just depends on which one is easily available near you at a reasonable price.



Canopy Glue

Not many flyers use glue on canopies. If you use CA you would have realized that it fogs up the clear plastic with the fumes of the CA! There is a solution. Horizon sells a glue called Super RC Z 56 that will keep this from happening. You can also use this glue on fiberglass and MonoKote.



Aliphatic Resin

This is very similar to white PVA glue without the rubber content and is a slight yellow colour. It dries in about 15 minutes and can be sanded unlike PVA, is waterproof and slightly stronger. For my money if it were more readily available I would use it in preference to CA as it allows you time to move the balsa around if required. Like PVA glue it's not that expensive. Budget Hobbies stock it in two sizes \$9.95 for 110ml and \$15.00 for 237ml.

Epoxy Glue

We've all got some Araldite, it's messy and often a pain to apply. It glues just about everything except if it's applied to foam it will turn it yellow. Just about everyone has it in his field box.

These are just a few glues and there's many variations and opinions on which ones to use. The most recent range of glues is called **Deluxe Materials** and should be hitting hobby shops shelves about now.

Gyroscopes And What They Do

By Barry Evans



Any object that rotates is virtually a gyroscope. You may have had a small gyro toy and were probably amazed at what this gadget could do. Let us consider what a gyroscope does and how you can experience the effect of gyroscopic forces. I will keep this simple as the maths of gyroscopic force is quite complex.

Firstly every model that has a spinning propeller is subject to this force. The force may be small in the model and may not be noticeable to you but it is still having an effect on the model. Even a ducted fan is subject to this force but as it is happening well inside the model it is unnoticeable in normal circumstances.

An easy way to demonstrate gyroscopic force to yourself is to get a bicycle wheel off the bike and hold on to each end of the axle. Now get someone to spin the wheel rapidly. If you do not move your hands the wheel does nothing (except get heavier after a while [joke]) Now move either hand up or down and you will find the wheel will move either right or left depending on the direction of rotation and the direction of your hand movement. Strange happenings indeed. This is gyroscopic force. If you were sitting on a rotatable stool while doing this you would find the stool starting to rotate.

In these tailwheel aircraft power was fed in gradually so that steering could be accomplished but use of the brakes and rudder to prevent the aircraft heading off the side of the strip. One nasty effect on an aircraft was in the old WWI types like the Sopwith Camel etc. that were powered by Rotary engines. These engines had the crankshaft fixed to the firewall and the cylinders rotated, that produced a very powerful gyroscope. A pilot flying a Camel hoped that on take-off when low to the ground he did not have to make a right turn as this caused the nose to pitch downwards and the control surfaces were unable to counteract this force. The aircraft crashed and many a novice pilot met a sudden end.

One method some modellers use to balance their model is to put a very heavy spinner on the front of the engine. This is not a good idea as the gyroscopic force produced by this heavy rotating weight is constantly stressing the crankshaft and the supporting bearings. It is also affecting the stability of the model. You will never see a full sized aircraft being balanced by using the spinner or back plate as a weight. On an aircraft the spinner and back plate is kept as light as possible to reduce the effect of gyroscopic force.

I hope this is of interest. If you want to know more hop on the net and google "gyroscopic force". Beware, you will be dazzled and confused by the maths etc.

Build your model properly and avoid having to use lead to balance the model as this is just useless weight the model has to carry.

HAPPY FLYING fellow stick twiddlers.



Rogue Flyers at Uhlmann Road

Reports have surfaced of large planes flying over the road and above the gun club. One plane was observed by a SAAMBR member who was parked at the gate and witnessed the incident.

A second fly-over by another plane resulted in a visit from a gun club member who recognized the plane and spoke to the flyer who denied he had flown over the gun club.

We know by the description of these planes who these two members are.

This is a serious breach of safety and MAAA Mops to fly over a public road and a neighboring site. ***This is unacceptable.***

If activities like this continue and rules are not adhered to it may lead to serious implications regarding the future tenure of our airfield.

Other SAAMBR members take a very dim view of rogue flyers who flaunt the rules and think they don't apply to them.

BE WARNED !

NEXT WORKING BEE
SUNDAY SEPTEMBER 6TH

SID BRAY FIELD
8.00am

(Sign in book gets taken away at 8.30am)

SAAMBR TRADER

BUY WANTED SELL SWAP FREEBIES

FOR SALE

DA 50 with new ignition module, ignition cut off, pitts muffler and prop. \$475
Ray 0407 039 664.



SAAMBR

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Have you joined our
SAAMBR Facebook Page?
It's a great way to connect
with fellow flyers!

<https://www.facebook.com/SAAMBRRC>

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