

Wingtips



The photos show Peter Whitely's Vanquish, a 2 metre aerobate by Extreme Flight. Peter, a former BMAC member who's now re-joined, kept the Vanquish from when he flew at the club in 2008.



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Coming Up – General Meeting

There will be a General Meeting at the field on Saturday 16 June 2018 at 9.30. It will be held in combination with a swap meet, so bring your unwanted aeromodelling gear and make a few dollars, or spend a few dollars and buy someone else's treasures. All this will be followed by a barbecue!



Seen at the Field



Above Henk Jansen's quarter scale Spacewalker that he made from a SIG kit. The engine is a horizontally-opposed OS Gemini 160 four-stroke with on-board glow. Left, Henk with his grandson Hugh, 8, and a friend Oliver, 4.

Below is the unmistakable shape of the DC-3 or Dakota. It's a foamie by Dynam, owned by Mick Pasfield. Powered by a 3S 2200 mAh lipo it can stay aloft for 5 minutes. The test pilot for this flight was Merv Wright, who discovered that you can't have the rudder on a low rates setting, otherwise the Dak can't be kept straight for take-off.



Seen at the Field continued

Below, the Dynam Me 262, formerly your editor's, now owned and capably flown by Merv Wright.



Below, another of Merv Wright's, the MXS-R, as flown by Matt Hall for the Red Bull team. It uses a 35cc RCGF petrol 2-stroke engine. For this flight the pilot was Phil Spence.



Below and left, Len Ricardo's Clipped Wing Cub, with Saito 115 4-stroke power.



Below, Peter Beath's Pilatus Porter is an ARF by VQ. Thrust is provided by an OS electric motor and a 4S lipo battery.



Can't Fly Because of the Weather? Here's something to read

On these cold, windy days when you can't fly, you can visit a site set up for BMAC members providing articles of interest. Recent additions are scanned articles from Graham Parkins' collection: The Screw Propeller and the Rom Air Retract System.

Beginners are also catered for, with articles about the stall, 2.4 GHz radio, repairs etc etc. Click on this link:

<https://sites.google.com/site/bmacmembers/>

then click on the subject of your choice. Next click on the Acrobat logo and title as in this example:

 [The Screw Propeller.pdf \(7242k\)](#)

Buy and Sell

There's now a Buy and Sell Page associated with the BMAC Facebook page. Go to:

www.facebook.com/Belconnen-Model-Aero-Club-593186154083869/ or just open Facebook and look up Belconnen Model Aero Club.

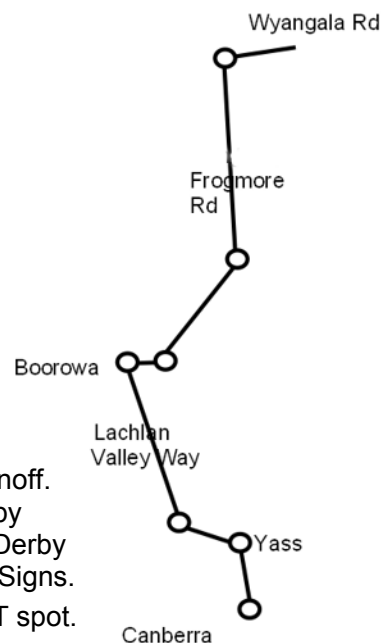
There is a link to the Buy and Sell, if you scroll down the main page by a screen or two.

Clicking the link will take you to the Buy and Sell Page where you must then "like" the page for it to appear on the left of YOUR page for easy access.

Members can advertise anything R/C related for sale, as well as wanted.

David Green

Directions to Wyangala Float Fly (25, 26 & 27 May)



Canberra to Wyangala Dam

Canberra to Yass...Barton Highway. Bypass Yass, continue to Boorowa turnoff. Continue to Boorowa, Turn right at memorial then left after 5 blocks onto Rugby Road. Continue for 14km then left on to Frogmore Road. Continue 38 km to Derby Falls Road, turn right and after 2.5 km turn right onto Tarrant Gap Road. See Signs.

We're not flying at the Caravan park but a private property nearby. A GREAT spot.



For some reason the kangaroo (above) is at a most awkward angle – is it concerned that the Peter Beath's Cub is going to hit the fence? It needn't be, the landing was on the runway, as the fence is much further back than it appears because of the photographer's telephoto lens.

Right, some of the items for sale at the auction held at the field on 21 April this year.



A BIG THANK YOU

by Ron Barnes

Thanks to all those BMAC members who kindly donated to the Kindling Foundation for their next project. My daughter Yasmin and I volunteered for the African project last October and Yasmin left last Saturday to participate in the Haiti project. There are 8 volunteers going on this project and they managed to raise \$A12,000 which will be spent wisely - every dollar DOES go to the children.

THE PROJECT

The volunteer group is building a playground in the poverty stricken community school on the forgotten island of La Gonâve. It will be the first of its kind on the island and will change the lives of hundreds of students and their families. Additional to the playground, four water sources will be built with pumps and plumbing to enable the villagers to have a clean water supply.

There are 190 adorable students between the ages of 2-8 years old that volunteers will meet as soon as they arrive. Each student carries their own unique weight of problems with them to school each day. Some suffer extreme poverty

at home and severe malnutrition, others have sickness beyond measure such as typhoid, measles or scabies and some have gone through life changing surgeries; such as having huge deformities corrected or mammoth tumours removed. Most of the students don't have a bed, or an adequate home to live in, and most of them will not receive a meal from their families before they go to bed each night. Families in this village are living on the smallest amount of money imaginable - less than \$US40 or \$US50 annually.

For 2 years the only play item the school has on the property is a \$37 colourful parachute. It is used once a week on Fridays (sport day) and the children go wild for it! The parachute provides some shade for some of the children but obviously it falls way short of what is required. The volunteers want to build a permanent structure/ colourful play area of fun for the children. There is currently a dirt/ gravel play area for the school yard. You cannot even begin to imagine the impact this new space will have on the students. Children are born to play and this project will make a huge impact. Any money not used will then go to the "Feed a Child" collective for students at this school.

If anyone wants any further info just ask me at the Club.

Featured Model of the Month – the Durafly Excalibur



Above, John Box, from the Kingaroy (Qld) Aero-modellers Society, recently on holiday in Canberra brought his Excalibur Warmliner* to the field.

Those who saw it flying were most impressed. It has the power/weight ratio sufficient to climb vertically, and, with only some power on, is a fast and capable aerobat. If your receiver has an aux channel, you can set your transmitter so that, for landing, both ailerons are slightly down (flaperons) while still having some lateral control.

For anyone thinking of buying the Durafly model, supplied by HobbyKing, John had some tips. He recommended fitting the optional carbon fibre propeller. Previously, when flying at full throttle, one blade of his original folding propeller broke off and the resulting vibration damaged the airframe. The photo (right) shows the nasty crack in the remaining blade. Because of the use of carbon fibre, John suggested that the ends of the aerals should be outside the fuselage.



* For newcomers, a *hotliner* is a very fast, high-powered aerobatic glider. A *warmliner* is similar, but not quite as “hot”.

Care to *Print* Your Next Model?

Here's what David Green has discovered for Wingtips

Namadgi member Dave Pinchbeck will shortly run a course on 3D printing at his house by “printing” a Corsair or Spitfire from supplied plans.

The plans for a number of model aircraft are available on-line; you can see the Corsair flying at:

<https://www.youtube.com/watch?v=H-Exb4ayJk> [The video is worth a look anyway – see the Corsair do a loop around the moon at 1:30. Ed] The designers of the Corsair (photo) have a website at <https://3dlabprint.com/shop/>

The cost of material to make a Corsair is about \$120. The weight of the basic set of printed parts is about 3.8kg, but obviously you would need to buy the retracts, motor

and other hardware. The wingspan is 1900mm and ready to fly it would weigh about 6kg, requiring an 8S lipo pack. The stalling speed with flaps down would be about

45km/h. Of note is that the model has folding wings like the full-size version.

Dave said: “I will be more than happy to print model parts up for anyone, they just have to supply, or at least cover my costs for, materials.”

Dave can be contacted at kdpinchie@gmail.com or 0409 913 467.

This appears to be an opportunity for anyone considering buying a 3D printer to obtain some accurate information about what's involved.

