



# "THE FLYER"

YARRA VALLEY AEROMODELLERS NEWSLETTER

November 2019

**The Committee:**

**President –**

Tony Martinico

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**Vice President –**

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**Secretary –**

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**Treasurer –**

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**Registrar –**

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**Public Officer –**

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**Editor/Webmaster –**

Bill Wheeler

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*Auction night*

*25/11/19*

*BB2 @ 7:00pm*

*Outside of meeting hall*

*No flying the last Sunday of the month –  
Sunday 24th November*

The next general meeting is Monday 25<sup>th</sup> November 2019

8:00pm – Red Earth Centre Mooroolbark

Newsletter will be online at:-

[www.yarravalleyaeromodellers.com.au](http://www.yarravalleyaeromodellers.com.au)

## President's report – Tony Martinico Welcome all to our November newsletter for 2019.



Hi All. Well, the weather hasn't been too kind to us, which means not many of us would have gotten much flying done, but the field is looking ok. We do have our Haydn Hampson & Frank Curzon memorial day this Saturday 23<sup>rd</sup> November 2019. We will be running it the same as last year. The rules for the competition will be; the Haydn Hampson trophy is open to scratch built models built from plans, a kit or own design of a scale aircraft, and the Frank Curzon trophy is open to all scale ARF models. Lunch will be available to purchase including our famous roast beef rolls and gravy, sausages and onion and hamburgers (please notify us if a vegetarian option is required). Tea, coffee and soft drinks will also be available for purchase.

This coming Monday on Nov 25<sup>th</sup> we will be having a sausages and bread BBQ (BYO drinks) at 7pm at the Red Earth Centre, then at 8pm we will be holding our club auction, so get ready guys to bring all your unwanted aeromodelling gadgets to sell on the night. John Ferris, our social member has been kind enough to donate a series of framed pictures of WWII aircraft for us to auction off on the night for the club. He's also donated some books and other aircraft paraphernalia. Unfortunately, this year Rob Yakuvowski will not be able to be the auctioneer for the night due to interstate business, so myself and Bill Wheeler will take his place.

The Christmas function will be held on Sunday December 15<sup>th</sup> and we are intending on holding it as an afternoon function with some club flying Friendly competition, which include some great prizes for participants and some night flying. The club will be providing food and drinks for our members. Please BYO own salads, desserts and alcohol for those intending not to fly. We also would like our members to RSVP the committee so we can let Santa know how many kids he needs to bring gifts for. Be reminded that the committee will be keeping a sharp eye out for the "Holy Cow" award candidates.

Our webpage is finally restored and up and running. Apologies on behalf of myself and the committee for the delay, but due to unforeseen circumstances and technical issues it was unavoidable. Unfortunately, this has incurred small cost, which will be published in the next club meeting.

Please note that we will not be having a December or January Club meeting. Our next official club meeting will be Feb 24<sup>th</sup> 2020.

Finally, our Assassin wings have been ordered and dispatched and are on their way. Hopefully those who are waiting will receive them before Christmas.

Please be reminded that there will be no flying on the last Sunday of the month 24/11/2019

Thank you to everyone for their support, and I wish that 2020 brings us all good fortune.

Here's to happy flying and safe landings.

Tony Martinico

### Auction night

It will be that time of year again come November clubnight. That's right it's time for our annual auction! Rummage through your stuff and bring it along. I seem to remember Neil Griffiths just about cleared up everything last year ☺. This year we will kick off with a BBQ at 7:00pm at the spot next to the Red Earth Centre. John Ferris has had a bit of a clearout and below has sets of framed prints he wants to auction off. The proceeds of these he has kindly donated to the club coffers. Below the pics is a form to complete for any items you wish to bring along for sale.









Auction form, please complete 1 for each item

Name	Item	Reserve

## Website issues.

Once again we have a website, all we need to do now id learn to update it.

## Christmas party.

Sunday 15<sup>th</sup> December is our annual Christmas party and family day at the field. Please advise as soon as possible and definitely before November clubnight if you intend to bring along children or grandchildren under 18 years of age.

We are intending to complete flying at 10pm this day with a little night flying. Obviously this will be electric only and models with onboard lighting only too.

## Dates to note!

Sat 23rd Nov.

Mon 25th Nov.

Sun 15th Dec.

YVA Haydn/Frank Scale day 2019

**YVA Club Auction and BBQ**

YVA Xmas party, fun fly and night fly; finish 10pm

If you're interested in events outside of the club, the VMAA calendar will inform you of what's on where at this address <https://www.vmaa.com.au/Calendar/calendar-of-events.pdf>

## House Keeping

Ensure every person attending the club field signs in and out of the register book. Remember the last person to leave the field has to check that the clubroom is locked and secure. Lock the front gate on departure.

Clean up after yourself if you use the clubroom facilities, ensure the gas bottle is turned off after use.

## Back in the building room...

I've been working on completing Daniel's Yak 54, installing the canopy and cowling. I decided to split the canopy into three pieces, permanently mounting the front and rear portions and having the centre section removeable for access to the equipment inside the fuselage. Before I could cut the canopy, the front and rear fuselage fairings blending the canopy to the fuselage needed to be made. These were cut from aluminium litho plate, annealed and bent to shape. These are fixed in place with 2mm CSK screws and nuts. My next task was to make the front and rear bows. I settled on laminating them with 0.8mm ply but first, needed to determine their shape. I laid some masking tape over the parting lines on the canopy and then carefully cut along the edge of the tape using my dremmel, photo 1.



Photo 1

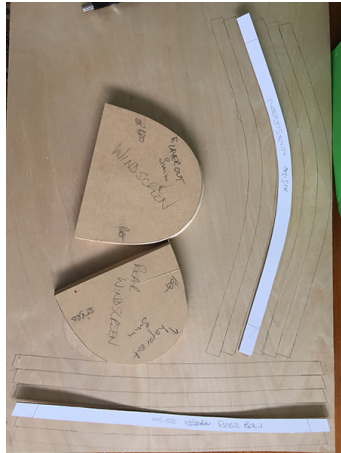


Photo 2



Photo 3

By wrapping a piece of paper over the canopy and drawing along the cut edge onto the paper I had the curvature of the bow required to fit. This was repeated for the rear bow. Now adding 6mm to either side of those lines I could produce the templates required to use to cut the ply. See photo 2. Laying the canopy's cut edge on a piece of paper I drew around it to produce the shape of the form blocks required for the front and rear bows, photo 3. The form blocks were cut from 6mm mdf. Two of the form blocks needed to be slightly larger than their mating half to allow for the internal shape of the canopy. Once stuck together as pairs they were sanded to give a good fit to the inside surface of the canopy pieces then screwed to an old cutting block. The sanding process was very much hit and miss in trying to get the taper right and produce a nice fit to the 'glass'. The bows were laid up using PVA and clamped to the form blocks with metal brackets I made to steel strapping, photo 4. Once the glue had dried the clamps were removed and both front and rear faces sanded. I then needed to cut the bows in half. Photo 5 shows my solution for this which took a little while as my pillar drill only has one speed it will work at... Photo 6 shows a completed.





Photo 4



Photo 5

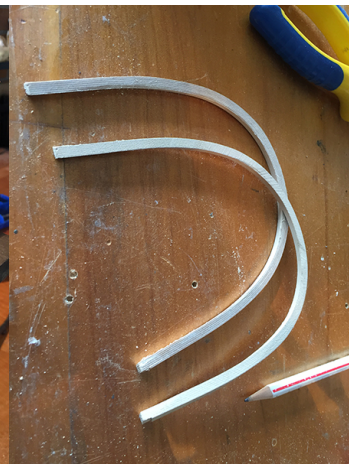


Photo 6

The next challenge was to fix the bows to the pieces of canopy. Photo 7 shows the rear most bow in position but not fixed in. Similarly, Photo 8 shows the front bow



Photo 7

Photo 8

Rivetting the bows into place with a lithoplate outer bow, forming the outer frame, seemed like a good idea. The lithoplate bows were cut using the templates from photo 2. Carefully marking the rivet positions and drilling for 1/16<sup>th</sup> inch rivets was easy enough, I annealed the brass rivets to help installation. Tapping the rivets down caused one or two of them to split the ply bows as they expanded in compression from having their tails formed. This was on the front canopy bow. I will complete the last 3 bows with 10BA nuts and bolts with their heads filed to a dome before installation. Currently I'm waiting for the local Live steam supplier to get more 10BA stock in. Next month I'll babble on about the cowling installation.

Frank Murphy has finally sorted his De Havilland Hornet and has it flying sweetly. Initially plagued with engine vibration problems, he designed and had made some spinner backplate supports and allowed the engines to spin up to a descent rpm and fly the model with authority. He sent me this image of it on finals. I for one look forward to seeing it fly this coming Saturday at out Haydn Hampson / Frank Curzon Scale day.



Frank is currently working on completing a 1/6<sup>th</sup> scale SE5A from the Dennis Bryant Elite plan. Just the thing to chase around my 1/6<sup>th</sup> Italian Balilla A1 fighter once its refferbishment is complete.

A little advertising...



#### Home

We now offer **Local Free Delivery** for orders of **\$25.00 or more**. If your postcode falls within our "10km Free Zone", the system will recognise this. All you need to do is proceed through the checkout as normal and the system will recognise you as "in the zone". We will then deliver the order to your door within 24hrs. Contact us via e-mail for any special delivery requirements.

#### Expert advice

We have a great range of scale models from all the major brands. We also carry accessories for RC Aircraft and lots of auxiliary modelling products that can enhance your build and give your model that "next level" finish. Contact us for expert advice on building and painting your scale models, airbrushing and more!



Skyview MULTIMEDIA

With over 50 years of modelling experience, we are proud to provide the following services to modellers:

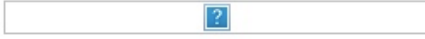
- CAD design of models, decals and paint masks.
- Laser cut models parts up to 500mm x 300mm and 6.5mm thick. Send your plan we'll cut the parts; competitive rates.
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### TRADING HOURS:

Monday-Tuesday :10.00am-5.00pm

Wednesday :12.00pm - 5.00pm

Thursday :10.00am - -5.00pm

Friday :10.00am-6.00pm

Saturday :10.00am -2.00pm