



“THE FLYER”

YARRA VALLEY AEROMODELLERS NEWSLETTER

February 2020

The Committee:

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Tony Martinico

0418 526 688

Vice President –

Daniel Wheeler

0430 596 861

Secretary –

Bill Wheeler

0414 325 872

Treasurer –

David Nichols

0417 547 040

Registrar –

Steve Dengate

0408 749 384

Public Officer –

Bill Wheeler

0414 325 872

Editor/Webmaster –

Bill Wheeler

0414 325 872



Daniel Wheeler with son Bailey's Assassin at the Christmas party night fly.

No flying the last Sunday of the month – Sunday 23rd February

The next general meeting is Monday 24th February 2020

8:00pm – Red Earth Centre Mooroolbark

Newsletter will be online at: -

www.yarravalleyaeromodellers.com.au



President's report – Tony Martinico

**Welcome all to our
February newsletter for 2020.**

Hi All, and welcome back. I hope everybody had a fantastic break and unlike me got some flying time in. I have been out of action since I feel ill over the new year and unfortunately ended up in Hospital for a week. I'm fine now, but I haven't had a chance to get out to our wonderful Field since our Christmas party in December,

which was a great day for all of those who attended. Santa with his chuck gliders was a huge success with the kids, and the grownups had a wonderful time as well. I didn't get to stick around that evening, but a few of our club members also had a bit of a night fly.

At our last committee meeting a couple of weeks ago, the subject in regards to our website was brought up, and the fact that our website needs some attention. At present, our very reliable and active secretary Bill Wheeler has been doing his best to look after our website, but I must admit that Bill is doing more than enough for our club and its now time that I reach out to our club members and ask for someone to step up to the plate and take the role of our Webmaster and relive Bill of one of the many duties he already dose for YVA. If we can't find a reliable club member to take on this task, we will be left with no option other than employ a I.T. professional to look after our website which will obviously incur some costs, which may be reflected in our club fees. So I look forward to hearing from somebody soon.

So what's install for 2020? Our Club comp and memorial day (date yet to be confirmed) will be held to remember all our past club members who have since past and hold a minute's silence. We will then continue on with the day and have some friendly competition between ourselves and give away some great prize and a BBQ Lunch. Then we will have our traditional Haydn Hanson and Frank Curzon memorial day (date yet to be confirmed) which is our scale day event. The same rules will apply as last year and of course we will be serving our famous Roast Beef Rolls with Gravy and a BBQ Lunch. Club auction night, which is held on the night of our November Club meeting will include a pre Sausage sizzle gathering which will better than any Bunnings sausage sizzle. This will give our members and committee members an opportunity to mingle and reflect on the year past. Hopefully, this year Rob Yakubowski will be able to be the auctioneer for the night. If not myself and Bill Wheeler will take his place.

I'm hoping to see a few more Club members attend our YVA Club meetings. This is your opportunity to voice your opinion or put forward some suggestions you may have to help improve our fine club. Myself and the committee have noticed the numbers dwindling on attendance to our meetings. Please make an effort and try to attend at least a couple of meetings a year.

Please be reminded that there will be no flying on the last Sunday of the month 23/02/2020
Thank you to everyone for their support, and I look forward to see what 2020 brings us.
Here's to happy flying and safe landings.

Tony Martinico

Website issues.

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

Christmas party.

Sunday 15th December was our annual Christmas party and family day at the field. A good time was had by all who attended with the highlight being Santa's arrival with a pile of EP foam chuck gliders for the kids. They were everywhere, running amok, launching gliders in the pits! All over the runway, flouting the rules and having a great time. The night flying only saw one member stay to give it a go. Daniel Wheeler flew his son Bailey's Assassin which is finished with special glow in the dark paint. We charged it up under my headlights and Daniel flew a few circuits; it did look ghostly flying around. He landed and we were all done and dusted by 9:30pm.



Dates to note!

There will be 4 months this year where our club night will be on the 3rd Monday of the month. Listed below are the dates of every club night this year.

- Monday, 24/02/2020
- **Monday, 23/03/2020 – 3rd Monday**
- Monday, 27/04/2020
- Monday, 25/05/2020
- **Monday, 22/06/2020 – 3rd Monday**
- Monday, 27/07/2020
- **Monday, 24/08/2020 – 3rd Monday**
- Monday, 28/09/2020
- Monday, 26/10/2020
- **Monday, 23/11/2020 – 3rd Monday**

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>

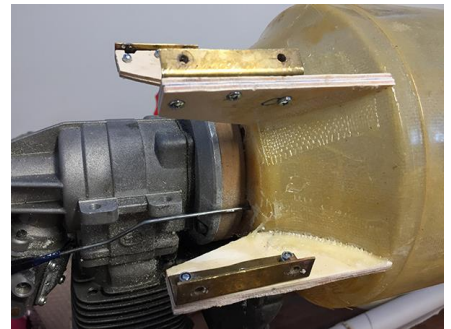
House Keeping

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...

The cowling on the Yak is 200mm long hanging on a 10mm flange. Simply bolting through the cowl and into the flange is not really an option. With the weight of the cowl and vibration from the 35cc engine it would be loose before too long. I thought I would need to make some mounts that ultimately support the cowl somewhere near its centre of gravity. The ply brackets were made from 2 laminations of 3mm ply, cut to a cardboard template. Once epoxied in place such that their brass brackets would fit between the cowl's louvers, a small amount of glass cloth was added either side to reinforce their joint to the fuselage. Positioning the brackets was aided by taping strips of balsa to the fuselage. I had to ensure there was a gap along the top of the bracket that would allow for the thickness of the cowl. Brass brackets were bent from 20swg brass sheet and have 3 off 3mm holes to bolt them to the ply mounts and 2 5BA holes for bolts the cowl on. The 5BA nuts are soldered to the brackets and were positioned by screwing them on to a tapped aluminium knitting needle. The needle positions the nut while heat is applied to solder the 5BA nut in place. The pictures below tell the story above. Incidentally, the louvers are mounted with M2x6mm CSK screws and nuts.



Once the model is finally finished, the bolts will be held in place by Loctite to stop them vibrating loose. Once the tank is installed, the next task in the build is to remove the louvers and canopy fairings to prep the model for priming and painting.

A question that arose from last month's newsletter was how do you anneal Aluminium? The front and rear canopy fairings are made from lithoplate. To anneal this correctly simply wipe with a

bar of soap and heat, either over a cooker flame or with a blowtorch. Once the soap turns black remove the heat, the Aluminium is annealed. If there is a lot of forming required, you will need to re-anneal as Aluminium will work harden. Aluminium will also age harden. In the aircraft industry, soft Aluminium, supplied in what is known as the 'O' condition, is kept in a cold room to stop it age hardening until it is ready to be used. Plumber's flashing is fully annealed pure Aluminium hence the reason it is soft; it has no additives to harden it, but it does work harden and require re-annealing if you start to form it.

Haydn Hampson / Frank Curzon Scale day

What a great day! We had a good turn out and variety of models both ARF and scratch build. The weather was spot on with a light variable breeze, which seemed more akin to thermals passing through rather than any breeze from a given direction. John Ferris brought along his own design 1/4 scale Brewster Buffalo to sit in the pits and be dribbled on. Anthony Curzon brought along his late father's DH Cirrus Moth, which eventually took first, in scratch built. Frank Murphy and Damien Mould flew Frank's electric DH Hornet, which sounded quite realistic flying around. We were well supported with four members of the Bacchus Marsh club making the trek to our field with some nice-looking models flown equally well also receiving places by the end of the day. Catering was slow cooked pulled beef rolls along with sausages from our BBQ. We hadn't used the BBQ in a while and Tony was having trouble removing the catch tray. I suggested just lighting it but upon removing the burner plates it was cram packed full of straw. House Martins had made three nests, one of which had 5 eggs in. There was an awful lot of work gone into this and it was packed solid. The eggs were cold, and the consensus was they had been abandoned.



Most of the Haydn Hampson / Frank Curzon day entrants.



Barry Townsend Nemesi & PT-19



Joe Buttigieg Jungmeister & Cub



Graham Jenner's Brian Taylor Spitfire
Frank Curzon Place getters.



John Ferris' 1/4 Brewster Buffalo & Howard



1st – Gary Thiele P-47 2nd – AWOL Tim Campbell P-51 3rd – Barry Townsend Nemesis

Haydn Hampson Place getters.



1st – Tony Curzon Cirrus Moth 2nd – Damien Mould A10 3rd – David Anderson DVII



A lot of work went into building these nests.



Frank Curzon built DH cirrus Moth flown by son Tony.



Damien Mould's a10 thunderbolt.



Frank Murphy's DH Hornet



Glen Dunston's Pilatus Porter



John Ferris' own design Brewster Buffalo & Howard.

At the Club house

This Akubra has taken up residence in the club house for the past few months. If you have lost it, it's on the bookcase in the club house.



A little advertising...

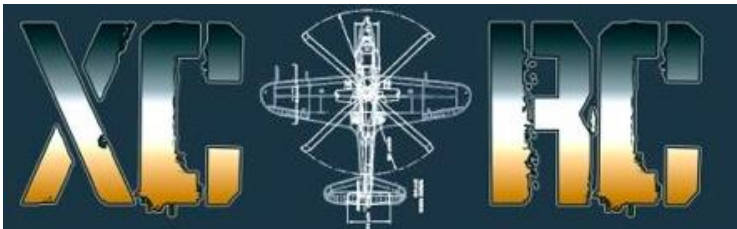
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TRADING HOURS:

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