

Ballarat Radio Model Flying Club Inc.

Web site: www.brmfc.org.au Inc. No. A0062781D

NEWSLETTER – June, 2018

Committee 2017/2018

Ordinary member 2:

President:Fred Eggleston(0418 596 113)Vice President:Peter Evans(0438 643 949)Treasurer:Nick Katsikaros(0438 559 985)Secretary:Nigel Newby(0408 420 794)Ordinary member 1:Peter Evans(0438 643 949)

Murri Anstis

Officers

Returning Officer: (The Secretary)
Public Officer: (The Secretary)

Publicity Officer: Vacant

Safety Officers: Murri Anstis (0413 353 739)

Roger Carrigg (0437 842 277)

First Aid Officer Nigel Newby (0408 420 794)

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Note the meeting location.

The next general meeting is to be held at the <u>Eastwood Street Leisure Centre in the Canteen</u>, on Wednesday June 27th commencing at <u>7.30PM</u> (Turn left after entry to the Complex, and the Canteen is on the left again). <u>Don't forget to bring a plate for supper.</u>

Agenda Items for the next meeting

- 1. Trawalla Estate Update
- 2. Strategic Plan Development meeting
- 3. Field Maintenance

Points of interest from the last meeting

Extract of newsworthy items from the minutes of the last meeting. Note: Some events/activities may have concluded or been modified as circumstances change.

8. General Business

- a) Trawalla Estate Update
 - Latest work by the owner had pushed dirt over the strip boundaries and markers. Murri uncovered the markers etc.
 - The container vents will be sorted next Saturday
 - The strip will require a mow next Sunday.
- b) Strategic Plan Development See "Other Business"
- c) Field Maintenance, Trawalla nothing to report
- d) Burrumbeet Airstrip strip and pits area mowed. Bit rough and ready but is flyable (Secretary flew a small electric powered SBach RoG with no issues). We now do not have access to the kitchen building as the lock has been changed and there is no longer the register to fill in at the shop when picking up the key. Fred will supply the shop with a new book.

9. Other Business

 BAMI indoor flying continues to be popular, despite Fred's attacking other aircraft. Maybe there is a need

- 4. Burrumbeet Airstrip
- 5. Other Business

to define once rubber powered free flight are launched RC aircraft are grounded.

- Another inter-club fly-in day with BAMI will be arranged.
- Bunnings request for assistance with their Tradie day presentation BBQs. Decision to formally reply and offer assistance.
- Survey results presented and read by the Secretary. Brief discussion followed.
- Strategic Plan Fred has produced a draft SP that he presented to the meeting.
 - Trawalla Renovate the set-up tables and build start-up tables. The matting issue is being addressed. A water supply header tank for the kitchen will be installed to improve tap pressure.
 - Burrumbeet facilities continue with the mowing as required. To increase its usage a monthly fly-in with BBQ could be held, e.g. on the first Saturday of each month. This will not interfere with the regular Sunday club day at Trawalla. This may encourage those who are unwilling to travel the 30 minutes or so to Trawalla to be able to fly alongside other members on a regular basis.
 - Membership fees There was discussion around abolishing the joining fee and reducing senior fees by 50% for all new members in the first year. Make membership free for juniors (although they would

- still be required to pay the insurance component, currently \$57 for juniors).
- Promote the club by more community involvement. As an example with the Plastic modellers clubs to organize some inter-club events. Possibly an association with the STEM programme, although this may be fairly involved.
- Workshops Flying skills and Wings training. (For this currently the 3rd Sunday of the month is set aside at Trawalla starting at 11.00am) Have the VMAA run an instructors course for qualified members. A list of current willing instructors is to be posted at the field.
- Social activities arrange more events, e.g. Avalon airshow, Point Cook museum and BAMI inter-club events.
- Club records update website, add a web based secure member's page and add a procedures manual.







BRMFC Membership Fees 2018/2019

Just a quick reminder that Member Subscriptions are now due for the 2018-2019 year. Our fees and the MAAA/VMAA components remain the same as last year.

The Membership Form was updated on the 4th June and posted on the club web-site, so you can download it, fill it out and submit with your payment. The Secretary only needs to know if any details have changed, otherwise it all rolls over from last year. A direct Deposit as per the form is the easiest for the club, with your name (preferably) or telephone number to ID the deposit.

Remember, you need to fix this up before 1st July, to ensure that the insurance cover is valid. No pay, no fly.

Summarizing, the fees for 2018/2019 are (pension):

Senior: \$209 (\$200) Junior: \$105 (\$100) Associate: \$63 (\$57) Social: \$24 (\$22)

The club's bank account details are shown below and also at the footer of the *Membership Payment Form*.

Bank:ANZ.BSB:013799A/C No.:3169 28278

A/C Name: Ballarat Radio Model Flying Club Inc

Please do your best to pay promptly for two reasons; firstly you can't fly at our field or any MAAA sanctioned field from the 1st July, secondly it makes a lot less work for the Secretary & Treasurer if payments do not drag out.

The membership payment form is included at the end of the newsletter and can also be found on the club's web site at: http://www.brmfc.org.au/Membership.aspx

Friday, 30th June is the last day you can fly if your fees are not paid. (I just paid mine while writing this. Ed.)

You can fill out PDF forms using the current version of Adobe Reader.

- If you click on the <u>Membership Payment</u> link on our web site <u>Membership</u> page it will open the PDF file in your browser.
- Then save the PDF file to your local PC using the Save command which can be found on the browser menu or right click popup menu.
- Open the PDF file from the saved location.
- Click on Adobe Reader Tools tab, then click Fill & Sign.
- The mouse cursor will then be in a text box input mode.
 Click in the type in area adjacent to Surname and type your name. You can then move the text box around and resize to suit.
- Continue on with the other entry fields doing the same thing.
- There's also X & tick in the menu up top to choose from.
- Once finished save the PDF under another name. You can then print or email to the secretary.

This works for most PDF's (unless the PDF has been created with document restriction options preventing mark up.)







VMAA News

Information gathered from the Minutes of the VMAA Executive Committee Meeting held on the 10th May 2018 which might be of interest to members. Note: some situations may have changed since then.

VMAA Trophy – Event held at P&DARCS over weekend of 21st/22nd April was a great success with 6 teams competing over two days. Weather was excellent although some early morning fog delayed the start on some events. Joe Finocchiaro thanked all the judges who helped out at the event. There has good feedback from the competing clubs and the results of the event are on the VMAA website.

1st place went to P&DARCS 2nd place went to Latrobe Valley

3rd place went to GMAC

Dates for the 2019 event will be the 6th and 7th April

1.09 Display Applications:-

DISPLAYS – There has been a fundamental shift in the meaning of a display as CASA views a display as the same as a full size scheduled display with certain events at certain times etc. Clarification is being sought from the MAAA. Displays are on the Agenda for the MAAA conference in May.

1.14 Education Officers Report:-

Yarra Valley – hosting scout group 10th June

GMAC – ongoing program with Mill Park Air League Late May.

EMMAC – 6 new junior members, congratulations to the club recruiting program at the recent Fun Fly/Field Opening. The chuck gliders went well with all the children that attended.

1.15 Video Library:-

Many new titles are available. New members should take advantage of the excellent instructional videos that are available. Slow and steady usage.

1.16 SFI Report:-

The 14th of April saw the new MAAA Instructors course held at GMAC. Ten new instructors sat the course and were passed. New format seemed well received by the attendees and the flight simulator was a great success. Course finished at about 3:00pm

34 wings where awarded in April, congratulations to all those pilots.

1.17 State Field Reports:-

Northern Flying Group

F1 event went well, field in great condition and the new veranda is about to be erected on the south side of the clubrooms.

Bairnsdale

Club is eager to host SIG groups and events, Field in great condition for any VMAA/MAAA members to use. Contact the club for details.

Echuca

Fun fly / Field opening went off well on the 5th/6th May. Jon Goudge VMAA VP on hand to do the honours. The host club was very welcoming resulting in a very friendly atmosphere. Club organized a full size air display with 2 x Pitts Specials doing aerobatics over the field, great stuff. Club is now working on funding a shower block for on field camping.

Mt Wallace

May- Earthworks have now been completed and runway has been top dressed and seeded. Club has applied for a MAAA grant for rainwater tanks. Field is back in operation again, contact the club for more details. A field lease between the VMAA and the BMMAA will be drawn up and tabled at the June Meeting for approval.

1.19 General Business:-

A few clubs with loan applications either pending or approved.

MARCS – Club is still not operating and more information will be at hand for the April meeting. VMAA is trying to gain information re this issue from PARKS VICTORIA, at this stage we are still waiting on PARCS Vic to get back to the VMAA.

VMAA president is trying to set up a meeting with all parties

LDMFA- Reports are that the club is operating well under the new system and communication with the Gun Club is proceeding well. Some details are still a work in progress regarding club operations. MAAA is waiting on details from club.

Marketing – Discussion on marketing in general and the best way to facilitate the Clubs as well as growing the membership. A workshop was proposed to set goals and the best way to go about achieving them. With the upcoming MAAA council conference, and marketing being on that agenda there will be a more informed discussion at June Meeting.







New Models seen at field

Peter Evans bought the 100" span Piper Cub from the modelling estate of Graham Waterhouse back in mid-March. The model was the last one Graham was working on but not finished. It's powered by a side mounted OS 91 FS with a flexible exhaust tube to the muffler which exits beneath the cowl.

After spending the last few weeks preparing it Peter had it at the field on Sunday 3rd June for test flights. He was a little concerned the 91 might not have sufficient power but those fears were soon allayed.

The model flies very well and Peter is extremely pleased with it. From my observations he's had quite a few flights with it now so that's a good indictor he likes it. Graham would be thrilled to know it's in the air and performing well.



Peter Evans with his 100'' span Piper Cub powered by an OS91 FS on Sunday 3^{rd} June.



The Cub on landing approach.



And in for a very smooth no bounce touchdown.

lan Crisp also had his new electric SE5A out for its maiden flight on Sunday 3rd June. This model came from the stock left over from John McLennan's shop which Murri has been selling on his behalf. Alan is mostly into electric powered models so decided to go down that path instead of the IC engine the kit was intended to have. The model was also featured in the May newsletter when out at the field but as it happened the weather wasn't good enough for a test flight. Fortunately the weather was kind on this day enabling Alan to get it in the air. By all accounts it flies extremely well with scale like performance and flight characteristics.



The SE5A moments after lift-off on its maiden flight.



And a low pass over the field for the camera.







Goin's on at the Field

Battery Charging Station

The charging station hasn't been functioning as well as expected so Alan Crisp re mounted the solar panel on the roof of the container to achieve better charging through winter when the sun is low in the sky. It should now be angled at a suitable compromise between summer & winter. Previously it was mounted from the side of the container however the original panel which failed was on the roof like it now is.



Alan Crisp re fitted the solar panel on Saturday 9th June to improve the charging rate particularly in winter.



Where the panel was previously mounted. In winter the sun is low in the northern sky at around a 20 degree angle (from the direction of the tree).

It looks like the two lead acid storage batteries which were second hand need replacing probably with a large capacity single unit. They are quite old with the larger truck battery dated sometime in 2000. Tests at the weekend showed the voltage across the battery terminals is continually dropping while charging even a smallish LiPo cell pack. If one battery is losing its charge the better battery will simply discharge into it. The cold nights would not be helping the batteries either.

Plumbing leak again in Toilet

The water tank suppling the toilet was empty on Sunday 24th June. It turned out the elbow fitting supplying the basin had come adrift no doubt under pressure from freezing due to the recent cold nights. The swaged compression fitting has let go which might have been a good thing otherwise a pipe may have burst like what happened last year around this time. It's amazing this never happened out at Yendon where you would expect it to be just as cold at night.

The tank isolation tap has been closed to allow the tank to refill when it rains. This will be a job to fix next weekend.



The swaged fitting elbow on the line going up to the hand basin has come adrift allowing all the tank water to escape (500L). One would assume the pipes have been freezing causing a pressure build up unless the tank has not been full and as it has filled the increase in head pressure has caused it to pop off. The trouble with swaged fittings is you never know if they are secure.



Close up of the elbow fitting that came adrift. They have an 'O' ring to seal and rely on the swaging tool to close the elbow onto the pipe. (I wouldn't want them in my house, firstly you never know if they are secure and secondly the 'O' ring will eventually deteriorate. In other words they aren't a lifetime component.)







Events

An email came in from the www.theflyingshow.com.au a few days ago advertising a DVD release of the recent Tyabb Air show 2018. It may be of interest to some members.

I have a few shots in my photo library of a Tyabb Airshow I attended way back sometime between 1981 and 1983.

No doubt the show has grown a lot since then.











Tyabb "War and Peace" Air Show's global DVD release

Following the strong public reception and success of the 2018 Tyabb Air Show, the Peninsula Aero Club with the assistance of community television broadcast *The Flying Show* are officially releasing a commemorative DVD, documenting this year's Air Show entitled "War and Peace".

The 2018 Air Show sought to commemorate the contributions made by the Australian Defence Force across many theatres of war including the first and second World Wars and the Vietnam War, to the modern day role of the Australian Defence Force.

The event also recognised the role of Australian Defence Force pilots as pioneers of flight services across civil aviation in Australia; including the founding of national airlines such as Qantas and Ansett, as well as Police, Air Ambulance and commercial services across the country.

National not-for-profit charity "Riding for the Disabled" was chosen as the key beneficiary of this year's event, an organisation which Peninsula Aero Club President Jack Vevers stated is a "Worthwhile charity that does a wonderful job in helping those in need by bringing joy and skills development."

Jack Vevers also commented that the air display was "Our best yet. I would highly recommend attending so you can

see the great concentration of rare aircraft, some of which you may not see anywhere else."

Carlos Balmaceda, producer of *The Flying Show*, said that providing a DVD release of the event allows the Peninsula Aero Club to share the experience with enthusiasts around the world, and his team's excitement in being chosen to document the Air Show this year.

"This DVD brings the general public as close as you can get to being in the cockpit, it provides an insight into the relationship between man and flying machine." he said.

The video release is available to order on DVD through *The Flying Show* through their official website at theflyingshow.com.au. More information regarding this year's beneficiary, the Riding for the Disabled Association of Australia, can be found on their website at rda.org.au

If you have any questions surrounding the Tyabb Air Show DVD, *The Flying Show* or any other matters, you can contact them via email at info@theflyingshow.com.au





Murri's Tiger Moth Flight

Several club members chipped in for Murri's 70th birthday last year and bought him a flight in a Tiger Moth down at Point Cook which was booked online through https://www.thrillexperiences.com.au/vintage-tiger-moth/victoria/. The time was nearing when the gift might expire so Murri felt he had to bite the bullet and organize a date to redeem the experience. The date was booked online a couple of weeks ago with a couple more alternate dates in case the weather was unsuitable or there was some other reason why the flight could not proceed.

A day or so after the flight was booked it was confirmed for Saturday 23rd June at 12:15PM. Glenn and I went down with Murri arriving at the Point Cook Tiger Moth hangar around 11:30AM in plenty of time to find our way around. When we pulled up alongside the hangar there were a couple of cars parked there but no sign of life anywhere. The back doors of the hangar were locked and peeking in could see an empty hangar so presumed the Tiger Moth was up in the air on another joy flight. In fact just out over the bay a Tiger Moth could be seen doing a loop. We walked up to the fence and shortly afterwards the Tiger Moth came into land and taxied up and parked in front of the hangar.

A young couple with a toddler in a pusher walked up towards the hangar soon after we arrived and I asked if they were having a flight and the woman said she was. Her husband did it a couple of weeks ago so it was her turn this

time. She was booked in at 11:30AM ahead of Murri at 12:15PM so we mingled around the plane and watched the proceedings. Murri might have been a little apprehensive of course but Glenn and I enjoyed the show.

We watched the lady ahead of Murri get ready and have her flight then it was Murri's turn. He was having the on-board video as well so that took a little time for Gary (the pilot) to rig the two cameras on the plane, one was on the port side strut and the other in the cockpit focusing on Murri.

In the lead up to the flight Gary took Murri through the required safety procedures and also a short video intro before they climbed on board.



Murri donning the leather jacket.



The two fingered salute of confidence!!!

After Murri donned the leather jacket and climbed into the front cockpit where Gary secured the harnesses and made sure hatch was locked, he went to the front behind the prop and pulled it through to start the engine. Probably about four or five pulls to start it. Gary then climbed on board and proceeded to taxi out for take-off in S/W direction. He taxied right out crossing both runways and took off on the grass on the other side of the SW/NE runway using about 50-70m. Interestingly Gary didn't use the sealed runways on either take-off or landing. Reduce tyre wear on the grass.

Murri was up for 15 minutes or so out over the bay and then came across the airfield in a southerly direction to the east of the hangar then did a descending 270 degree turn to come into land and taxi back to the hangar. Murri said he had hold of the stick for a while and was amazed at how sensitive it was to control movement.



The blue dashed line shows the approximate taxi path out, the white solid line the take-off run and the yellow line the landing path. (Worked that out from the video clips.)



Gary (the pilot) and Murri posing for the camera. Gary is also an A330 captain and actively flies R/C models. He said he has a turbine helicopter and several fixed wing models.



It's only four times bigger than yours Murri!!!



Gary rigging up the camera on the inter plane strut. That will be interesting to see.



The pilot's cockpit. This Tiger Moth is in pristine condition after recently being refurbished. Covering and paintwork looked like new!!! The plaque in the cockpit says manufactured by the De Havilland Aircraft P/L Sydney, Australia. I recollect Gary said it was built in 1942.



Gary securing Murri's harness. There's not much room in the cockpit especially for two.



Gary is out front behind the prop pulling it through to start the engine.



Taxiing out for the take-off run.



It was airborne in 50-70m of the grass to the side of the sealed runway.



Climbing out past where Glenn and I were standing. We weren't permitted to go out past the hangar otherwise the boys in the control tower get upset.



The landing approach from the north east.



Taxiing back to the parking bay in front of the hangar.



Disembarking the flying steed.



Gee I did it!!!

Murri obviously thoroughly enjoyed the experience and may one day try the aerobatic flight.

To cap off the day we had a good look over the Point Cook RAAF Museum which is well worth making the time and effort to see. It is also free admission which is a pleasant surprise these days.



2018 FAI F4 Scale World Championships

The 2018 FAI F4 Scale World Championships are being held at the Air Base Meiringen Switzerland from $5^{th} - 14^{th}$ July.

Six competitors from Australia are making the journey there to compete. They are David Law, Noel Findlay & Noel Whitehead in F4C and Anthony Ogle, Greg Lepp & Peter Goff in F4H. Let's wish them all the best of luck in what will be a very competitive contest.

For info and to see how they get on visit the web site at http://www.f4wc2018.com/scale18.aspx?lang=EN







Graham's modelling gear for sale

Graham Waterhouse was a collector of all things aeromodelling. He had a huge collection of airframes, engines, radios, magazines and associated accessories. You name it he had it.

Most of the major items have now been sold and it is down to a few older engines and lots of accessories.

I'll bring a few items out to the field of a Sunday. Might be engines one week, paints the next and so on.

The Westland Widgeon and ENYA 180X advertised in the May newsletter were both sold along with a number of the older engines in the accompanying PDF file of items for sale.

Humbrol 14mL paint tins

5 trays of assorted unopened Humbrol paints, approx. 70 tins per tray. In many cases, there are several tins of the same colour. There are 306 unopened tins.

SELL FOR \$1 each.



The colours are those that would be used for cockpit detail undercarriage wheel wells etc.

If anyone is interested I can send a PDF file of the list of colours with Humbrol colour number, colour swatch and number of tins available.

Super Tigre G4500: \$250



Super Tigre G4500 engine with BCM Pitts style muffler and ST cast aluminium engine mount. Circa early 2000's. Instruction sheet and Super Tigre booklet included. Ex the F4U Corsair (sold).



As far as we know the engine has only been flown the once, so in perfect condition. The mount & muffler alone would probably be over \$100 to buy.

If anyone is interested or would like more info please let me know ASAP via the editor contact details at the top of page 1.



Event Calendar

June 6 th (Wed.) June 9 th /10 th June 20 th (Wed.) July 4 th (Wed.) July 18 th (Wed.) July 22 nd August 18 th /19 th August 18 th /19 th	Indoor Flying at Haddon Hall 7 - 9:30PM — BAMI A&DAC Annual Float Fly — A&DAC, Lake Bolac VFSAA Trophy Scale Event — TCMAC, Albury Indoor Flying at Haddon Hall 7 - 9:30PM — BAMI Indoor Flying at Haddon Hall 7 - 9:30PM — BAMI Indoor Flying at Haddon Hall 7 - 9:30PM — BAMI VFSAA Scale Comp. — BMMAA, Mt Wallace VFSAA Scale Comp. — BADMAC, Bairnsdale Bendigo Large Scale Racing. — BRCAC, Bendigo
Sep 15 th /16 th	Mammoth Scale Fly In – VRF, Shepparton
Sep 16 th (Sun.) September 30 th October 13 th /14 th October 19 th -21 st November 3 rd /4 th November 4 th Nov 24 th /25 th	VFSAA Scale Comp – Trawalla, BRMFC Greensborough 50 th Anniversary Year – GMAC VFSAA State Champs. – EMMAC, Echuca TCMAC Seaplane W/E. – TCMAC, Albury "MossKosh" Annual Fun Fly – A&DAC, Ararat Leongatha Airport VJAA Club Day – Leongatha Fun Fly & Swap Meet – HMAC, Hamilton

Mar 10th 2019 Display Day – BRMFC Trawalla April 6th/7th 2019 VMAA Trophy Weekend

See the VMAA Calendar for all Victorian events.

That's all for now. Good flying. G.W & R.C.



BALLARAT RADIO MODEL FLYING CLUB Inc.

Web site: www.brmfc.org.au Inc. No. A0062781D

	MEMBERS	SHIP PAYM	ENT FORM	– 2018/2019	Date:
Address			City		ame Postcode
Date of Birth	M	AAA (AUS No)		Partners Name	
Occupation/skills			. Tx Frequenc	ies Used	
Note: VMAA fee	e includes MAAA a	ffiliation & insurance	. Pension rates are	shown in brackets () - Clul	and fill out tear off receipt. o's 10% discount. To qualify you d up or down to the nearest \$.)
	(Existing membe 0.00 + \$10.00 re		/ deposit (receive	e starter pack)	Amount: \$
Club \$9	5.00 (\$86.00 4.00 (\$114.00	0) <u>0)</u>		18 years or over before t year	1st July 2018.
VMAA fee is pa Name of other	aid through anoth	ner club and you i	ntend to fly regul		8. Amount: \$
Club \$4	8.00 (\$43.00 7.00 (\$57.00		r membership fee	9	Amount: \$
you intend to fly Name of other	y infrequently at club:	our field. Probabl	y live remotely. (3	fee is paid through and % of senior member fee	
				of senior member fee.)	Amount: \$
must pay VMA address. There	A fees as specific is no family VM.	fied (Junior or Se AA fee arrangem	nior). Applies to	nior rate plus \$10. Fam immediate family resid	
	5.00 (\$94.00 <i>4.00 (\$114.0</i> 0	o)			
	7.00 or \$114.00	(\$57.00 or \$114	.00) VMAA fe		Amount: \$ Amount: \$
Person 3 \$5 Name:	7.00 or \$114.00	(\$57.00 or \$114 D.o.B (\$57.00 or \$114	.00) VMAA fe MAAA (A	e .US) No:	Amount: \$
			,	US) No:	•
Total amount to pa	ı <u>y</u> cash ,	/ cheque / direct d	deposit (receipt) .		<u>\$</u>
Please remit this for To make a Direct Deposit Ban Remember: state your	m and the amou eposit (the prefe <u>k Details:</u> ANZ, r name in the bank	nt payable to the rred method), pl BSB: 013799, A/ transaction details	Secretary at: 20 ease use the following the deposit can	9 Jollys Hill Road, Smy owing instructions: A/C Name: <u>Ballarat Rad</u>	dio Model Flying Club Inc. o circle "direct deposit" above
					eceipt Date:h / cheque / direct deposit
Being BRMFC Mem	hershin for the fi	nancial year 1st I	uly 2018 to 30th	June 2019 Signed	