Ballarat Radio Model Flying Club Inc.



Web site: www.brmfc.org.au

Inc. No. A0062781D

NEWSLETTER – July, 2018

Committee 2017/2018			Officers		
President:	Fred Eggleston	(0418 596 113)	Returning Officer:	(The Secretary)	
Vice President:	Peter Evans	(0438 643 949)	Public Officer:	(The Secretary)	
Treasurer:	Nick Katsikaros	(0438 559 985)	Publicity Officer:	Vacant	
Secretary:	Nigel Newby	(0408 420 794)	Safety Officers:	Murri Anstis	(0413 353 739)
Ordinary member 1:	Peter Evans	(0438 643 949)		Roger Carrigg	(0437 842 277)
Ordinary member 2:	Murri Anstis	(0413 353 739)	First Aid Officer	Nigel Newby	(0408 420 794)
			Newsletter Editors:	Roger Carrigg	(0437 842 277)
				Glenn White	(0412 641 188)
			Field Maintenance:	Murri Anstis	(0413 353 739)
Contacting BRMFC:	: Secretary: Nigel Newby. Mob: 0408 420 794, Email: <u>secretary@brmfc.org.au</u>				Note the
	<i>Newsletter Edito</i> Ph: (03) 5334 21	meeting location.			

The **Annual General Meeting** is to be held at the **Eastwood Street Leisure Centre in the Canteen**, on Wednesday July 25th commencing at <u>7.30PM</u> (Turn left after entry to the Complex, and the Canteen is on the left again). Don't forget to bring a plate for supper.

Agenda Items for the next (ordinary) meeting

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

Annual General Meeting

As already noted above, the AGM is to be held on Wednesday 25th July at the Eastwood Leisure Centre prior to the ordinary meeting. This is where the current committee, present their reports and the committee for 2018/2019 will be elected.

Please do your best to make it to the meeting. It is always encouraging to see a good roll up at the AGM.

The next committee is to be decided at the AGM. Remember the club doesn't just run itself it takes the members to do so. Don't be afraid to put your hand up for one of the positions up for election.

This year all positions are up for re-election. The six committee of management positions to be voted on are:

- President
- Vice President
- Secretary
- Treasurer
- Ordinary Member 1
- Ordinary Member 2

The Club Officers (the workers) to be elected are:

- 4. Burrumbeet Airstrip
- 5. Start-up table construction & maintenance
- 6. Other Business
- Safety Officers (x2)
- First Aid Officer
- Editor & sub-editor
- Field Maintenance

Agenda for AGM

- 1. President opens meeting
- 2. Apologies
- 3. Minutes of Previous AGM meeting
- 4. President's report including a summary of the past year's activities
- 5. Secretary's report
- 6. Treasurer's report
- 7. Election of new Committee of Management
- 8. To appoint BRMFC nominated positions including;

Safety Officers, Field Maintenance Officers, First Aid Officer, Newsletter Editors

Note: All positions will be declared vacant.

- 9. Other related Business
- 10. Meeting Close

Presidents Report – Fred Eggleston

The past year has been a successful one with a good core of active flyers and willing participation in maintaining our flying field at Trawalla and to a lesser extent at Burrumbeet. Thank you to all those club members who assisted with mowing and maintenance of the equipment and facilities. Especially Murri Anstis, Peter Weston, Peter Evans and Max Rowan.

Improvements at Trawalla have included paving of the patio area, installation of a solar powered charging station, purchase of a club Marquee and acquisition of an Automated Defibrillation Device. We have enjoyed our new kitchen courtesy of Graeme Allen, Roger Carrigg, Glenn White and Peter Weston.

This year we welcome new members Alan Crisp, Ray Turner and David Turner. At the time of writing Anthony Mepstead is in the process of joining for the year ahead.

Our year was tinged with sadness at the passing of two of our longstanding members. We lost Graham Waterhouse in October last year. He was a stalwart of the club and a highly skilled modeller and great source of advice and expertise to his fellow flyers. A wonderful mentor to new members and a great friend to all. He is sadly missed.

Paul Ruddle died in March of this year and his charging station is a lasting memorial to Paul and his expertise. We will miss his steady supply of new models at the field [especially the "Wednesday Crew"]

Several major initiatives have marked the last 12 months. Changes to our safety rules now allow the use of rotary wing models to fly at Trawalla in conjunction with fixed wing operations. The new rules allow for safe separation.

Our strategic plan is in draft form and has drawn on the results of a member survey prepared by our Secretary Nigel Newby.

This year we have engaged in several interclub activities with Ballarat Aero Modellers. Members from BAMI attended Graham's Memorial Fly-in and visited us for a flyin and barbecue in February. Many of our members attend their indoor flying events at Haddon Hall. Lots of fun!

Other activities this year include Bunnings Sausage Sizzles, Family Day and Information Day at Bunnings and a Flying Event in February.

Apart from some controversy over the naming of the event and the strong south easterly blowing the event was well attended and deemed a success.

I have enjoyed my year as President and would like to thank the Committee and members for their willing support. Thanks to Nigel for his Secretarial toils and also thanks go to The Editor and Subeditor of our Newsletter - Roger and Glenn. A very professional publication!

Happy flying to all.

Fred Eggleston, President BRMFC.

Treasurer's Report – Nick Katsikaros

This last year has been a case of "steady as she goes" as far as club finances are concerned. In general the club's finances remain in a strong position with total funds remaining steady over the last few years since our move to Trawalla. This has allowed us to maintain a reserve for future field improvement or relocation.

Personally I've spent a lot of time away from Ballarat on business which has put a burden on the remaining committee members to do the spending (which they have managed with ease) and look after the petty cash (which they have managed with "f*s"). In particular I'd like to thank Roger for looking after the Petty Cash, and Nigel and Fred for keeping tabs on the cheques. This has made my job this last year a straightforward one of record keeping.



Nick Katsikaros, Treasurer BRMFC.

Editor's Report – Roger Carrigg

The purpose of the newsletter is to help keep the members informed of what is going on and provide a forum for members to publish their modelling experiences for the benefit of all aero modellers. It also chronicles the major events of the club for posterity and is posted on the club web site where it is available to the world.

Our newsletter is sent out monthly, timed to come out a day or two before the general meeting. That equates to twelve editions per year which poses a challenge to try and make it an interesting read.

There is always something going on at the field to write about which in particular, fills the Tips & Tricks column. Sometimes there might be something talked about that is embarrassing, but whatever is discussed is to prevent others having similar incident/accidents from the same thing.

All current members now get the newsletter by email. One of the great features of email and the internet is the ability to send the newsletter to interested non-club members without incurring any cost to the club. This is all in the interest of keeping the modelling fraternity abreast of what is going on in our club.

We had the "Sealed Section" in the newsletter for several years which was enjoyed by most but despised by a few. After a formal complaint late last year the club decided to suspend the column commencing with the December 2017 edition. We have now been doing the newsletter since June 1999, 19 years and 212 editions.

Webmaster's Report – Roger Carrigg

The club web site <u>brmfc.org.au</u> has been updated 11 times in the last twelve months with content changes. Fortunately it does not require updating each time a new newsletter is posted because it finds them automatically and dynamically generates the list of <u>newsletters</u>.

Over the past twelve months we had 43,004 web site visitors (roughly 118/day), last year it was 37,553 (103/day), an increase of 5,451 or 14%. The **visitor** count is the number of new browser sessions on our web site as distinct from a **hit** count which increases every time a browser goes back to the server to get a new page or refresh a page. Our **hit** count would no doubt be many times the **visitor** count.



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 -- Nil to report
- b) Strategic Plan Development

• Fred developed an adjusted plan according to the preceding discussions, which was circulated to members.

• An important aim is to encourage new members particularly from the younger demographic.

• It was agreed the format was readable and succinct.

• The draft was accepted as the approved BRMFC Strategic Plan.

c) Field Maintenance

• Matting for the pits; Roger Carrigg talked about the matting being offered by the Albury club (David Balfour). The best method of retrieving it was decided to be to organize a day trip to Albury in October, with an early start to the day and bring back as much as possible using a car transport trailer.

• A leaking water pipe on the toilet block (joint leaking) will be requiring a fix.

• The pit area was very wet recently and may benefit from being built up to aid drainage, possibly also to be moved slightly to the north. Note to be made of the areas that become flooded over the winter to decide its final position.

• Start up tables; not really intended for larger models (safety reasons).

They will need to be securely anchored to the ground. There are many design options, Alan Crisp and Dave Turner to

investigate the options and designs. A prototype will be constructed with the aim to have four in place.

• Roger will investigate the header tank for the kitchen to increase the tap pressure.

d) Burrumbeet Airstrip – a new register has been left at the shop to be filled in when the key is collected.

9. Other Business

• Workshops to be started on the third Sunday of the month at the Trawalla field. Silver Wings preparation will commence in July. Any suggestions for topics can be given to the Secretary.

• VMAA Vice President position; the email request for a proxy was discussed and a decision made to not submit one. Due to those present at the meeting not knowing if there were any other candidates and no position statement having been included from the requester.

• The AGM is next month; all positions are up for election. The Secretary should receive nominations no later than the 6th of July 2018.

• Batteries for the solar system need replacing. Alan Crisp has conducted research and one larger capacity battery will suffice (deep cycle not required).

Cost would be around \$300. Alan C. has been approved to purchase an appropriate battery.

10. Meeting Closed at 8.52pm – Next meeting date 25th July 2018, following the AGM.



Membership Renewals

If you haven't renewed your subs for the 2018/19 year, can you please do so ASAP?

Secondly, if you don't intend re-joining please give the secretary the courtesy of a message to that effect.

The renewal form was included with the June 2018 newsletter and can also be found online at: <u>http://www.brmfc.org.au/Forms/MembPayment%202018_19.pdf</u>

Remember, you can't fly at any MAAA sanctioned field until your subs are paid.

2018 FAI F4 Scale World Championships

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

Six competitors from Australia made the journey there to compete. They were David Law, Noel Findlay & Noel Whitehead in F4C and Anthony Ogle, Greg Lepp & Peter Goff in F4H.

Now that it is over, congratulations are definitely in order as they were extremely successful both individually and as teams.

The following summarizes where the Aussies finished up.

F4C Class – 31 Entrants

5 th	David Law	Pitts Special S2A
8 th	Noel Findlay	De Havilland Fox Moth
9 th	Noel Whitehead	Pacific Aviation CT4 Airtrainer

F4H Class – 34 Entrants

7 th	Greg Lepp	Bristol M1C
9 th	Peter Goff	De Havilland DH-82A Tiger Moth
15^{th}	Anthony Ogle	Nieuport 28

F4C-Team Class – 12 Entrants

1st Australia

F4H-Team Class – 12 Entrants

4th Australia

For info and to see the scores visit the web site at http://www.f4wc2018.com/events.aspx?Event=1896&lang Event=1896&lang Event=1896&lang Event=1896&lang Event=1896&lang Event=1896&lang Event=1896&lang http://www.fabeure.events.aspx?Event=1896&lang http://www.fabeure.events.aspx?Event=1896&lang

A note on the scoring, the entrant with the highest static or flight score in any round is adjusted to 1000 and all the other entrants' scores are then calculated down using the factor. On that basis it is easy to see that Greg Lepp won round one in F4H which deserves special congratulations.

This article featured in the Ballarat Courier on Friday $20^{th}\,\mbox{July}.$



Courtesy of the Ballarat Courier Friday 20th July 2018.

The <u>July VMAA Newsletter</u> has a comprehensive write-up on the event focusing on the Australian team members.



VMAA News

Information gathered from the Minutes of the VMAA Executive Committee Meeting held on the 14th June 2018 which might be of interest to members. Note: some situations may have changed since then.

Fields in close proximity of airports

A list of all VMAA club fields affected by this is being compiled and will be supplied to the MAAA in due course. CASA is requiring this information to update its details.

Voting at VMAA AGM

A question was asked about the voting rights at the VMAA AGM. As per the statement of rules only the VMAA ordinary members are eligible to vote, that is the Clubs, not their affiliates which are club members.

MAAA re display applications

Clarification is being sought from MAAA re display applications where the public is involved, more at the July meeting.

Instructors

There has been no further information as to the recertification of current instructors, date has been pushed out to end 2019. Waiting on update from MAAA.

1.17 State Field Reports:-

Northern Flying Group

Nil.

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

Nil.

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.

June- Power has been connected, seeding of pit area and runway, has all been completed. The field is open for flying on the temporary runway. The \$43k budget has been spent and the master plan for further development will be tabled for discussion at the July meeting.

MAAA Conference

I'm not sure who is the author of this item and therefore to whom references to "I" & "we" refer to. Ed.

- The new Secretary appointment was ratified, with some time allowed during the meeting for review of the process and confirmation of "propriety" given that the new appointee is the son of the previous holder of the office.
- Bruce Hoffman (NSW) was elected Vice-President. I (???) have dealt with Bruce a fair bit and he should be good in this role and is someone we can work with.
- The new budget was approved, but with a specific request to the MAAA Executive to find some savings to reduce the deficit resulting from the initial numbers. The areas raised and expected to be explored include the number of FIA/CIAM visits and the number of people required to attend any particular meeting (typically, multiple people attending some meetings had been proposed!).
- The annual fees remain the same for the coming year.
- There was clarification that some of the budgeting allowed for the handover to the new Secretary provided an allowance for interstate shipping etc. the budget being prepared before the successful candidate was confirmed. There should be some savings there too.
- The marketing budget was approved but there was "firm discussion" to clarify that approving the marketing budget did NOT mean simply "give the money to Sustainable Marketing". A Working Group is to be established to clarify our marketing requirements and "our" agenda item on this topic was referred to this Working Group. We will have core representation here.
- The World Championship assistance remains at the levels of last year – there was little support (given the budget challenges) for our motion to increase it to previous levels.
- There was good support for our proposal to review the data security aspects of the membership database – I (???) expect to lead this Working Group.
- The CFI proposal to ensure refresher training of Instructors was debated a lot. A revised proposal was finally agreed (taking advice from the SA CFI to ensure we retained alignment with what the CFI's wanted!) -We expect the intention has been maintained but details of how the refresher is to be implemented will be referred back to the CFIs.
- We didn't get absolute clarity on the best way to leverage the new CASA expectations / definitions regarding displays but we got "some" and we are expecting follow-up emails from the MAAA to close this out.
- We will pursue an opportunity to purchase flying site in SA (about 90 minutes South-East of Adelaide) – the proposal looks to have a lot of merit and a good chance of success.

- The NSWFFS have proposed that they again run the Nationals at West Wyalong during the period immediately after Easter 2019 (24 April onwards) – I (???) had been previously told by NSWFFS people that they did NOT want to run it themselves but were simply proposing WW as the venue; don't know what changed!
- The next MAAA Conference is to be held in ACT over 18th/19th May 2019.

The presentations from a major representative of the drone community and from Mike O'Reilly, both regarding sport / industry aspects relevant to the MAAA and membership were interesting if not necessarily amazing and earth-shattering.

The Marketing workshop unfortunately was timechallenged and we were not able to review the outcomes in detail but one of the groups had developed a fairly detailed view of a new branding / approach to target the drone community which merits further assessment! The output is being collated by those who ran the workshop (a rep each from ANSW and MASA) and will be distributed for further work.



New Members

With the dawn of the new financial year we have two new members to welcome into the club. Anthony Mepstead and David Turner officially joined up at the June meeting. On behalf of the club we wish them all the best in their modelling endeavours.

Anthony has been kind enough to provide a brief rundown on his modelling background.

My Modelling background started in my teen years watching Dad build and fly model aircraft, in my 20's I got involved not only model planes but raced RC cars at a state Level, joined Melton model plane club then moved on to Bacchus Marsh where I had a big interest in scale Models and flew in a number of events at different clubs as well as Shepparton Mammoth scale, left the hobby for 10 years and now got the passion back.



Anthony Mepstead at Trawalla on 1st July with his Boomerang 60. Anthony is an accomplished flyer and is getting back into the hobby after time out for a while.



David Turner at Trawalla also on Sunday 1st July. His model is a Mini Apprentice electric powered model. I believe David has learned to fly R/C predominantly on a simulator.

David also gave us an insight into his modelling: *I did some* "Cox" control line flying back in my teens and nothing since until I got my "Apprentice Trainer" plane in April this year for my birthday.

I've made many Airfix planes over the years but they don't fly particularly well!!!

So my maiden flight was at the Holdfast Bay Aero Club (Adelaide) in April. I just flew it, one of their club members did the take-off & landing.

I've had three flights here at Trawalla (a tad nervously) and am looking forward to many more.



New Models seen at field

Alan Crisp bought a Great Planes CAP 580 from a Shepparton modeller a few weeks ago. He had it out at the field on Sunday 22^{nd} July for an engine run and possible test flight. The CAP is powered by a DLE 111 twin cylinder engine turning a 28" wooden propeller and has a wingspan of 2525mm (99.5").



The model is most likely several years old but overall in good condition. Alan went over it with a "fine tooth comb" and fitted some extra bracing around the forward structure that

was subject to engine loads and attended to a few other cosmetic details.



A final rev up before taxiing out to the strip.

The DLE started quite easily but was noticeably sluggish picking up from idle. Richening the high range needle a little cured that. The engine ticked over very smoothly and doesn't seem to be excessively noisy which is a bonus. The prop must be a good match for the engine/airframe not allowing it to over rev and create propeller tip noise.



As you would expect the DLE111 had the CAP off the ground in no time. All looked good and Alan was putting the CAP through its paces to pass the requirements of the heavy model inspection which Murri was attending to.



After a few circuits and aerobatics Alan brought the CAP in for a 3 point landing.



Goin's on at the Field

Alan Crisp sourced a new battery for the charging station and fitted it on Sunday $1^{\rm st}$ July. The advice received from the

retailer (Bond Batteries) indicated that the type of battery that would be fitted to a caravan (deep cycle) would be more suited to our operational requirements than a conventional car battery. The capacity is 80A/h.

The charging station is now working as expected which was falling short due to the old batteries.

t looks like the copper pipe going up inside the wall of the toilet building has split again due to freezing. At first we thought the loss of water was the elbow going up to the basin coming adrift which was fixed. I turned the tap on last Sunday after the tank had filled somewhat after the recent rain and could hear a gurgling sound only to see water pouring out from the base of the south wall.

It looks like we'll have to run the pipe underneath the floor and possibly use poly pipe as well. The minimum temperatures at Trawalla must be colder than at Yendon; in 14 years at Yendon we never experienced the pipes freezing and bursting. The orientation is pretty much the same as it was at Yendon.



Photo taken 27th August 2017 while fixing the burst pipe. Looks like it has burst again.



The elbow was repaired on 1st July and a clamp fitted to prevent the compression fitting coming off the pipe.

New Matting for Pits

The Twin Cities Model Aero Club at Albury has offered us some of their old runway matting that was no longer needed after they laid their concrete runway. Initially we asked if they had any contacts with the paper mill a few km's to the north of their field the mill being the original supplier of the matting which I believe is used in the drying process.



Disused runway matting at the Twin Cities club Albury.

The idea at this stage is to hire a car trailer and make a trip up to Albury on a Saturday say in October when the days are longer. It would be a matter of taking what we need and can carry because as many of us know from experience it is very heavy.

hilst we've had some lousy weather most weekends we manage to fly. Of course when the forecast is good and it turns out nice and sunny we get a reasonable roll up of members. A few pics are included to



Alan doing a low slow fly-past with his electric SE5A. Photo taken on Sunday 1st July.



Nigel is also doing low slow passes over the strip with his 46 powered low wing sports model.



Wayne looks to have a mud problem on the wheels of his Cub. Its winter time so the strip is always damp and the worm holes create loose dirt that stick to wheels and gets in wheel spats. We soldier on!!!



The pit area matting which we want to replace is covered in moss/algae. That could be eradicated or at least mitigated by spraying with a concrete cleaner or even a bleach like White King. Once the matting is replaced it will still do the same thing over winter – it happened at Yendon as well.



Tips & Tricks

Hitec Aurora 9x Transmitter Battery

Both Wayne and I had discussed how the battery that came in our Hitec Aurora 9x transmitters were only good for about three flights before dropping down below 50% capacity and nearing the 7.2V nominal voltage. I'm not sure about Wayne's, but the 2000mAh battery pack that came with my transmitter was never much good in that respect. Who knows what brand of cell Hitec used – need to unwrap to find out. The old one will still be okay in an emergency if kept charged.

Wayne searched the web and found a replacement pack made up of Eneloop Pro 2500mAh cells on a UK site <u>www.component-shop.co.uk</u> and ordered a pack. I'm familiar with the cells having ordered flight packs from <u>www.desertaircraft.com.au</u> which are assembled by Master Instruments. Wayne used the pack the first time on Sunday 1st July and after several flights had hardly gone down at all.

With that in mind I searched the web for a similar pack locally but it seems that 3x2 cell configuration is hard to get so went on to the UK web site and ordered a pack on

Wednesday July 4th. It arrived on Wednesday July 18th and cost \$AU41.63 which is a pretty good price.

The link for the Eneloop Pro 2500mAh 3x2 cell pack is <u>https://www.componentshop.co.uk/7-2v-2500mah-aa-eneloop-pro-flat-3x2-transmitter-battery-</u>

pack.html? SID=U .On the page you need to select Futaba plug type to suit the Hitec transmitter.





I used the transmitter last Sunday 22^{nd} July and after a couple of flights it was still showing over 8.0V - a solid bar where it shows battery capacity, the old one would've been down near 50%.



With the new Eneloop Pro 2500mAh battery pack, Hitec Aurora 9x transmitter is holding plenty of battery capacity. It was never like that even from day one.

ow would you like to be on this 737 Max 7 on takeoff? In a stunning showcase of engine power, a Boeing 737 Max 7 airplane attempted a nearvertical take-off at the Farnborough International Airshow, 2018. This take-off, with its steep angle of attack climb out, was done as a performance showcase for the new plane. Click on the image below to open in your browser.



ere's another interesting YouTube clip. Well it's more than a clip, it runs for 57 minutes and is titled **Night Bombers 1943**. It is by all accounts original film taken during WW2 and may be entertaining to those interested in such things. Click on the image below to open in your browser.



For Sale

Lite Ply, 1200 x 300mm/2.0mm \$5 per sheet Lite Ply, 1200 x 300mm/2.5mm \$5 per sheet

If interested, contact Murri Anstis on 0413 353 739 or <u>ansmurri@outlook.com</u>. Murri may well have some at the meeting on Wednesday night.

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 modelling 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 Super Tigre G4500 advertised in the June newsletter was sold a couple of weeks ago.

A collection of "unsaleable" used items have been left in the container on the shelving for the taking. Includes, wheels, tanks, batteries, hardware etc.

OS 40 LA: \$70



New in box - never run.

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.



June Waterhouse is planning to bring a pot of homemade soup out to the field for lunch one Sunday like Graham often did during winter. The hard part is trying to pick the right weekend when there'll be plenty of members present. When it's

confirmed June is bringing the soup, an email will be sent out to all members.

We'll then be able to call it the "Soup Kitchen"!!!



Event Calendar July 4th (Wed.) Indoor Flying at Haddon Hall 7 - 9:30PM - BAMI July 18th (Wed.) Indoor Flying at Haddon Hall 7 - 9:30PM - BAMI July 22nd VFSAA Scale Comp. - BMMAA, Mt Wallace August 1st (Wed.) Indoor Flying at Haddon Hall 7 - 9:30PM – BAMI August 15th (Wed.) Indoor Flying at Haddon Hall 7 - 9:30PM - BAMI August 18th/19th VFSAA Scale Comp. – BADMAC, Bairnsdale August 18th/19th Bendigo Large Scale Racing. - BRCAC, Bendigo Sep 15th/16th Mammoth Scale Fly In – VRF, Shepparton Sep 16th (Sun.) VFSAA Scale Comp – Trawalla, BRMFC

September 30th Greensborough 50th Anniversary Year – GMAC October 13th/14th VFSAA State Champs. – EMMAC, Echuca October 19th-21st TCMAC Seaplane W/E. – TCMAC, Albury November 3rd/4th "MossKosh" Annual Fun Fly – A&DAC, Ararat November 4th Leongatha Airport VJAA Club Day - Leongatha Nov 24th/25th Fun Fly & Swap Meet – HMAC, Hamilton

Mar 10th 2019 **Display Day – BRMFC Trawalla** 2019 VMAA Trophy Weekend

April 6th/7th

See the VMAA Calendar for all Victorian events.

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

