



# BALLARAT RADIO MODEL FLYING CLUB Inc.

Web site: [www.sehler.net/brmfc](http://www.sehler.net/brmfc)

Inc. No. A0001288M

## NEWSLETTER – July, 2002

### Committee 2001/2002

<i>President</i>	Max Rowan	<i>Returning Officer</i>	Rick Pimblott
<i>Vice President</i>	Glenn White	<i>Public Officer</i>	Roger Carrigg
<i>Treasurer</i>	Rick Pimblott	<i>Safety Officers</i>	Hugh McCormick, Matt Billett
<i>Secretary</i>	Roger Carrigg	<i>Newsletter Editors</i>	Glenn White, Roger Carrigg
<i>Publicity Officer</i>	Glenn White		

The **Annual General Meeting** of BRMFC is to be held at **Central Highlands Table Tennis Centre** (corner of Howitt and Doveton Streets) on **Wednesday July 24<sup>th</sup> 2002** commencing at 7.30PM. Please come along to the meetings and support your club and be part of the decision making process. Don't forget to bring a plate for supper afterwards.

The ordinary meeting will then be held with the newly elected committee.

### Agenda Items for the next ordinary meeting

1. **Field – Outstanding jobs**
2. **Field – Road**
3. **Field – Seeding runways**
4. **Sausage Sizzle**
5. **Roy Gladman Trophy Round 2**

### Club Fees

Let's get the bad news out of the way first. Just after the last meeting we received advice from the VMAA that the VMAA/MAAA affiliation fee had increased by a further \$13.50, due to a much higher than expected public liability insurance premium. Unfortunately our fees for 2002/3 had previously been set and membership forms were distributed with the last newsletter. All members that have already paid the lesser amount will now be required to pay the extra \$13.50. It is a flat increase for seniors, juniors and pensioners. For members that have not paid please be advised that fees must be paid by the 31<sup>st</sup> July.

The new fees are outlined in the revised **MEMBERSHIP PAYMENT FORM - 2002/2003** include with this newsletter.



### Annual General Meeting

As already noted above, the AGM is to be held on Wednesday 24<sup>th</sup> July prior to the ordinary meeting. This is where the current committee, present their reports and the committee for 2002/2003 is elected.

### Presidents Report

Let me start by thanking those of you who have been pro active around the club during the year by attending working bees, sausage sizzles and being there for club events especially the open day which would not happen without your support. We have gone through some major changes in the last year or two with the relocation and building of club facilities which do not come with out

expense, so please support all of these money raising events in the future. We also need to build our membership up to make this club grow, so if you know of people with an interest in aeromodeling bring them out for a look or hand out a club pamphlet it all helps. Thanks to a dedicated committee of Roger, Rick and Glen also, you have made my job a lot easier throughout the year.

Thanks for your support,

Regards your out going president, Max Rowan.

The other committee members have advised that they will present their annual reports at the AGM.



### Points of interest from the last meeting

#### 1. Fund Raising – Sausage Sizzle

It was felt that we should hold two sausage sizzles between now and the end of the calendar year. Our records showed that last year (2001) we held a sausage sizzle outside Safeway Sebastopol on Saturday 22<sup>nd</sup> September and outside the Bridge Mall Coles Supermarket on Saturday 10<sup>th</sup> November. Max Rowan offered to make the bookings with the Supermarkets.

#### 2. Field

##### a) Field Rent

The Secretary explained that the field rent for 2002/2003 is expected to be \$600.50. This is based on 3% CPI increase. Last year (2001/2002) we paid \$583.00.

**b) Wood Cutting**

It was decided that impromptu events will be organized with those who own chain saws to cut fire wood for the shed heater. (We have previously been given permission by the land owner to use the fallen trees for firewood.)

**c) Tiles for Toilet**

Murray Anstis and Tom Jobling offered to lay the floor tiles in the toilet commencing the weekend after next. (6<sup>th</sup>/7<sup>th</sup> July)

**d) Seeding Runway**

It was thought that we should follow up the offer of seed for the runways that was made by Jim Stephens of Stephens Pasture Seeds during the VCCC flying display earlier this year. Glenn White pointed out that the worms are aerating the runways this year which should promote strong grass growth during spring. Some scarifying, filling of the low spots and seeding during September should produce the desired results.

**e) Thistles**

During the early stages of field development, the landowners said that we could use Roundup to mark out the runways. With that in mind it was decided that we should use Roundup to kill the thistles. Rick said that he would bring his sprayer unit out on a regular basis. Geoff White pointed out that many farmers use Glyphosate (or something like that) as a cheaper alternative to Roundup.

**f) Road Condition**

Depressions that collect water need to be filled with gravel.

**g) Water Leaks**

Small water leak in roof of garage on the south/east corner needs to be tracked down and fixed. Site hut and container also have water leaks that need urgent rectification.

**h) Wood Heater**

Glenn White pointed out that the heater flue needs a 'chinamans' cap to keep out the rain water. (The pot belly heater needs maintenance or replacing with a glass fronted wood heater. Wayne Goodwin has been trying to locate a trade-in from some of the wood heater dealers.)

**i) Tree Planting**

Murray Anstis advised that he has about a dozen native trees to plant at the field. We need proper guards to keep the sheep off. Further work is required to organize the guards.

**3. Annual General Meeting**

Rick Pimblott advised that he has not received any nomination forms yet.

**4. New Member**

Geoff White joined the club at the beginning of the meeting. We welcome Geoff into the club and wish him every success in his aeromodelling pursuits. Geoff has been out at the field over the last few weeks getting instruction from Glenn White.

**New Models seen at field**

It has been a quiet month for new models. The only one that we know of is Glenn's resurrected Harvard. Model was taken out to the field on Sunday 7<sup>th</sup> July to have its heavy model certification renewed by Murray. Model flew successfully but was underpowered due to an incorrect propeller size. Glenn needs to experiment with different prop sizes.

This aircraft was originally built to compete in the Harvard pylon racing. It has an 80+ inch wing span and is powered by a Webra 120 2 stroke engine. Also has gas operated retracts.

**Crash Report**

Even though there has been a lot of flying we are pleased to report that we have not heard of any crashes.

**Tips & Tricks**

If anybody has any good ideas please pass them on!!

**Coming Events****Roy Gladman Trophy Round – Aerobatics**

After deliberation it has been decided to hold this event one week later than previously advertised to allow for more members to participate. It is now going to be held on Sunday 11<sup>th</sup> August.

The maneuvers are as follows:

1. Double Immelman
2. Slow Roll (5 Sec)
3. Two Inside Loops
4. Two Horizontal Rolls
5. Top Hat (with ½ Rolls)
6. Cuban Eight
7. Square Loop - Diamond
8. Straight Inverted Flight
9. 2 outside loops (Inverted from top or bottom)
10. Two Turn Spin

(See the full description of each maneuver further on.)

If time permits, there will be three rounds flown. As usual, the best two rounds count. If only time for two rounds, then both rounds count. No correspondence will be entered in to and the judges' decision is final.

This is meant to be a fun competition. You do not need to be an ace aerobatic pilot to score successfully. Scores will be awarded for your aerobatic skills as they would be in a pattern competition, but also each maneuver is broken up into its various components and 5 points are awarded for each component attempted. This approach is to even out the scoring and give everybody a chance.

If you can take off and land there is no reason for not having a go. We need your support to make these competitions a success. We would like to get the ball rolling by 9.00AM. There will be an entry fee of \$3.00, which includes a BBQ lunch.

### Shepparton Mammoth Scale Fly-In

The next trip away is the Shepparton weekend which is now only two months away. Anybody planning to go, should contact Roger or Glenn as we will be booking our accommodation shortly. If you are planning to fly, your model must have a wing span of 80 inches or more. Biplanes it is 60 inches. If you haven't been before this event is well worth seeing. It attracts some of the best models in the country.

### Sausage Sizzles

We have two sausage sizzles booked for later this year. The two that were held last year were very successful and helped to top up the club coffers. The location on both occasions is outside the **Sebastopol Safeway** Supermarket on the mornings of Saturday **5<sup>th</sup> October** and Saturday **16<sup>th</sup> November**. If you can spend a couple of hours and help out it would be much appreciated. In any case it is a bit of fun, you can have a few jokes with most people.



## Event Calendar

August 11<sup>th</sup> 2002 Roy Gladman Aerobatics – Yendon  
 Sept 21<sup>st</sup>/22<sup>nd</sup> 2002 Mammoth Scale Fly-In – Shepparton.

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

Don't forget Meredith Wholesale Nursery for all your gardening requirements. We must thank Pam and Barry for their kind donation of plants and shrubs at our flying field.



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## Roy Gladman Aerobatic Competition – Adapted from APA Sportsman class

### 1. Double Immelman K=2

The model flies straight and level past the judges then pulls up to perform half an inside loop. When inverted, it performs a half roll, then flies a straight line, performs a half outside loop followed by a half roll and another straight line to exit.

#### Downgrades

- Top and bottom lines (including half rolls) to be same length as the diameter of the half loops.
- Half loops not round and of the same size.
- Straight lines not of equal length.
- Changes in heading during execution.
- Half rolls not immediately after half loops.
- Half rolls not the same roll rate.
- Exit line at different heading and /or altitude to entry.

### 2. Slow Roll K=3

The model establishes an entry line, then rolls slowly through one revolution.

#### Downgrades

- Roll rates not constant during the roll.
- Changes in heading and or altitude.
- The model does not roll exactly 360°.
- The roll is completed in less than four seconds.
- The exit line is at a different heading and /or altitude to the entry line.

### 3. Two Inside Loops K=3

The model establishes an entry line and then performs two consecutive inside loops.

#### Downgrades

- Wings are not level during loops.
- Changes in heading during loops.
- Loops not round.
- Loops not superimposed.
- The entry & exit lines are at a different heading and / or altitude.

### 4. Two Horizontal Rolls K=3

The model establishes an entry line and then performs two complete horizontal rolls at a uniform rate of roll.

#### Downgrades

- Changes in heading and or altitude during rolls.
- Roll rates not constant.
- The model does not do exactly two rolls.
- The exit line is at a different heading and /or altitude to the entry line.

### 5. Top Hat K=3

The model establishes an entry line then performs a quarter inside loop to a vertical flight path, flies a straight line then performs a half roll then flies a straight vertical line then quarter inside loop to a horizontal flight path, flies an inverted straight line, then performs a quarter inside loop to a vertical flight path, flies a straight line, then performs a half roll followed by a straight vertical line to quarter inside loop to straight and level exit.

#### Downgrades

- Changes in heading during quarter loops and/or straight lines.
- Changes in heading during half rolls.
- Quarter loops not of the same radius.
- Horizontal and vertical lines not the same length.
- Half rolls not at same roll rate.
- Exit line at different heading and /or altitude to entry line.

### 6. Cuban Eight K=3

The model flies straight and level past the centre line then pulls up to perform a part inside loop. When at 45° inverted, the model flies a straight line then performs a half roll followed by a straight line, then performs another part inside loop and again at 45° inverted flies a straight line, then a half roll and another straight line and a part inside loop to recover to straight and level flight.

#### Downgrades

- Part loops not round and of the same size and radius.
- Changes in heading during loops, straight lines and half rolls.
- Half rolls not superimposed.
- Exit line at different heading and/or altitude to entry line.

### 7. Square Loop K = 2

The model establishes an entry line then pulls up through 90° and continues vertically, pulls a 90° corner then flies inverted, then pulls through another 90° downwards to another 90° exiting on same line as entry.

#### Downgrades

- Wings not level during loops.
- Changes in heading during straight lines.
- Length of four sides not the same.
- Corners not 90°
- Entry and exit at different heading / or altitude to entry line.
- Part loops not at same radius.

### 8. Straight Inverted Flight K=2

The model establishes an entry line then rolls inverted, flies a straight and level inverted flight path of three to five seconds and then rolls upright. The rolls in and out are part of the judged manoeuvre.

#### Downgrades

- Changes in heading and /or altitude during rolls.
- Roll rates not constant.
- Changes in altitude and /or heading during inverted flight.
- Inverted flight less than three seconds.
- Wings not level during inverted flight.
- The exit line is at a different heading and /or altitude to the entry line.

### 9. Two Outside Loops K=4

The model establishes an entry line, then performs two consecutive outside loops.

#### Downgrades

- Wings not level during loops.
- Changes in heading during loops.
- Loops not round.
- Loops not superimposed.
- Exit line at different heading and /or altitude to entry line.

### 10. Two Turn Spin K=2

Model establishes a heading and with reduced power the model is held in a nose high attitude until it stalls and commences to spin. The model auto-rotates through two turns, holds a near vertical downline, and then recovers on the same heading as the entry but a lower altitude.

#### Downgrades

- Wings not level during entry and exit.
- The model climbs during the entry line.
- Wing over or snap roll on entry.
- Does more or less than two turns.
- Exit line at a different heading to the entry line.
- A spiral dive or less than two or more than two turns scores zero.



# BALLARAT RADIO MODEL FLYING CLUB Inc.

Inc. No. A0001288M

## MEMBERSHIP PAYMENT FORM – 2002/2003

Surname ..... First Name ..... Middle Name .....  
 Address ..... City ..... Postcode.....  
 Phone: Home:..... Business:..... Mobile: .....  
 Email Address: .....

M.A.A.A. Registration Number: AUS..... Date of Birth: .....

Partners Name .....

Transmitter Frequencies Used:.....

Tick  membership type below and write amount applicable in column on right hand side of sheet.

**Note:** Pension rates with 10% discount, are shown in brackets (). Proof of pension entitlement must be provided.

**New member.** (Existing members ignore this)  
 Joining fee **\$10.00** and receive starter pack----- Amount: \$.....

**Senior member** plus VMAA fee. – Benefits: Voting rights, gate key & newsletter.  
 Definition: Any person over 18 years.  

Club	\$60.00	(\$54.00)	
VMAA	\$88.50	(\$79.50)	
<b>Total</b>	<b>\$148.50</b>	<b>(\$133.50)</b>	----- Amount: \$.....

**Senior member** – Benefits: Voting rights, gate key & newsletter.  
 Definition: Any person over 18 years.  
 VMAA fee is paid through another club and you intend to fly regularly at our field.  
 Name of other club: .....  

Club	<b>\$60.00</b>	<b>(\$54.00)</b>	----- Amount: \$.....
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**Junior member** plus VMAA fee. – Benefits: Voting rights, gate key & newsletter.  
 Definition: Any person under 18 years.  

Club	\$30.00	(\$27.00) – 50% of senior membership fee	
VMAA	\$48.50	(\$48.50)	
<b>Total</b>	<b>\$78.50</b>	<b>(\$75.50)</b>	----- Amount: \$.....

**Associate member** – Benefits: Gate key & newsletter. VMAA fee is paid through another club and you intend to fly infrequently at our field. Probably live remotely.  
 Name of other club: .....  

Club	<b>\$40.00</b>	<b>(\$36.00)</b>	----- Amount: \$.....
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**Social member** – Benefits: Newsletter. Non flyer.  

Club	<b>\$15.00</b>	<b>(\$13.50)</b>	----- Amount: \$.....
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**Family membership** – Benefits: Voting rights, gate key & newsletter. Consists of one **senior** rate plus \$10. Family members must pay VMAA fees as specified (Junior or Senior). Applies to immediate family residing at same address. There is no family VMAA fee arrangement.

Club	\$70.00	(\$63.00)	
VMAA	\$88.50	(\$79.50)	
<b>Sub-Total</b>	<b>\$158.50</b>	<b>(\$142.50)</b>	----- Amount: \$.....

Person 1	<b>\$48.50</b> or <b>\$88.50</b>	<b>(\$48.50</b> or <b>\$79.50)</b>	VMAA fee ----- Amount: \$.....
Name:.....	D.O.B.....	M.A.A.A No: .....	
Person 2	<b>\$48.50</b> or <b>\$88.50</b>	<b>(\$48.50</b> or <b>\$79.50)</b>	VMAA fee ----- Amount: \$.....
Name:.....	D.O.B.....	M.A.A.A No: .....	
Person 3	<b>\$48.50</b> or <b>\$88.50</b>	<b>(\$48.50</b> or <b>\$79.50)</b>	VMAA fee ----- Amount: \$.....
Name:.....	D.O.B.....	M.A.A.A No: .....	

**Total amount to pay** **\$.....**

\$5 Administration fee applies, if fees are not paid by 31<sup>st</sup> July 2002.  
 Remit this form and the amount payable to the Secretary or Treasurer.

