



Piston'n'Prop.

Newsletter

Marlborough Associated Modellers Society Inc.
Brayshaw Park, 8 Arthur Baker Place, Blenheim 7201

President: Philip Gibbison**
Ph: 5780016

Secretary: Nigel Wood*
Ph: 5787086

Treasurer: Tom Hood
Ph: 5784066

Vice President: Brent Coburn

Ph: 5738511

Librarian:

Newsletter Editor: Carl McMillan***

Ph: 5780716

Email: carlmcmillan@ihug.co.nz

Committee Members:

Mark Taylor Ph: 5789885

Allan Fairweather Ph: 5786265

Carl McMillan*** Ph: 5780716

Ron Perkinson Ph: 5789699

* Primary contact person for Engineering section

** Primary contact person Boating section

*** Primary contact person Flying section

MAMS Website: www.mams.org.nz

If Clubs or members currently receiving this Newsletter by mail could receive it by email please let me know carlmcmillan@ihug.co.nz

June 2016

Presidents Report 2015/16

The Club I think is in good heart with all Sections having a productive year. Membership has a slight decrease in numbers and the financial situation is stable. Keeping up with the constant change in rules and regulations from MEANZ, maintenance on the track, buildings and pond has been challenging for all involved. Because we need to generate income from our facility, and this involves the public, we need to keep up with the regulations or be shut down. We need to

attract the public to the park, specifically our part of it and make it a go to place for families. Train rides generate the most income of the three sections yet has the smallest membership. How can we as a club ease the burden and share the load? You may not be able to drive a locomotive but if you can help in the ticket office or on station duties I'm sure that would help.

The club has been approached by Model Railroad (electric) members to see if they can join our society and have a club building on site. We think this is a positive move and are waiting to hear from them as to how we can move this forward. Tom Hood has kept the club committee up with what's happening with the Park Administrators and though our voice has at times been a lone one it has been heard.

It was with sadness that we heard of the passing of Beryl Ward. Beryl was a committee worker for the club and many hours of her time was spent in the ticket office or preparing food for a club occasion.

Engineering Section

Though public running days have been average over the year, we have had a reasonable year's activities. Thanks to our team of train drivers and station staff – your time and efforts are appreciated. Grounds and track maintenance repair work has been carried out regularly by a small, dedicated crew, many thanks to all involved. The new track extension is coming along nicely, countless hours of work by a small but enthusiastic group has been key to getting this large project to the point it is now with further work continuing to see to completion. Thanks to Taylor's Engineering and Vintage Farm Machinery for use of equipment. Monthly meetings have been good with regular input from members. The fire ban again restricted our operations but gaining an exemption to allow us to use steam locos was well timed coming in just before Heritage Day. Thanks to Peter and Marge Holdaway who have put new curtains in club rooms and also supplied the new flower plants in the raised gardens.

Boating Section

Section numbers have been stable over the year. Regular boating days are being held on Sundays and Wednesdays with individuals using the pond during the week. Sailing and scale days are well attended as are the monthly section meetings. Seven Starlets are now in use on the pond, with two more in Nelson and four under construction we look forward to some great fleet racing in the future. The fun and comradery that is being developed is good to see a pleasure to be involved with.

The pond drain has at last been sorted, thanks to Simcox Construction and Norm Crafer for their generous giving of time, materials and machinery to get the job done. The main pond is starting to develop more and more leaks and the harbour area seems to be subsiding which is causing problems there also. For the foreseeable future minor repairs will have to be done as they are needed until we can work out a more permanent solution. The algae growth is just an unending problem but one we have to bear with as we are not allowed to use any toxic

remedy as it would jeopardise our resource consent to empty the pond into the Taylor River area. The boat shed extension is still a work in progress but we hope that this will be done later in the year. The seats around the pond have been painted by Robyn Wemyss.

Flying Section

Flying numbers have been down on previous years, two small groups of regular flyers fly in the weekends and week days. A couple of Quadcopters have been flown at the field, a new and increasingly popular addition to the RC model flying hobby around the world.

Vandals visited the flying field in November and destroyed the gate and damaged the caravan, but there have been no other problems.

There have been Aerotow and glider meetings held up the Waihopai Valley for MAMS and BMAC model flying NZ members to attend. Video of the January Invitational Aerotow meeting with flyers from around the country is on the MAMS website.

Flood waters flowed over the field in mid February flood, no harm was done although the field was very dusty for some weeks afterward.

Thanks once again to Errol for his work mowing the paddock for us, very much appreciated.

Slope soaring was flown over the summer daylight saving period, flying at Meadowbank with a small enthusiastic group of flyers.

Thanks to all the flyers who have attended the flying sessions, and helped each other out during the year, and shared their knowledge and experience, to make belonging to MAMS an enjoyable time.

Model of the Year

We had a reasonable turn out of members and display of models. It's a great opportunity and one of the few times we can all get together as a club to see what has been produced in the different sections as well as a good social occasion and a chance to celebrate the year's activities. Unfortunately there were no aircraft on display. Model of the Year was won by John Henson.

Heritage Day

Unfortunately this year was not as well supported by the public, this may be due to a number of factors including little or no advertising or a general down turn in interest from the public in this event. As a result the income from the day was down quite a bit on previous years. The club may need to look at other opportunities to generate income to maintain and develop the asset we have. Jeff Taylor's fairground organ proved a great attraction and popular with the public. An exemption allowing us to use steam loco's came through just in time for the weekend. The pond yachts were in constant use after a slow start to the day. We finished the day with a very pleasant evening BBQ for our members and visitors. Thanks to all our volunteers, who drove trains, sold tickets, manned displays and provided food.

My thanks to the many volunteers who have helped in many ways and the committee for their work and support during the year.

Philip Gibbison
President

Committee Meeting notes for April / May

The Annual General Meeting was held on Tuesday 12th April in the clubrooms with the existing Committee being re-elected. It was disappointing not to have more members attending the meeting, but there was good input from those members who were there. The time and effort put into running the club by the President and Committee members is very much appreciated as is the active part played by members of the different sections. The club is in good heart as can be seen from the attached President's report and financially we had a small excess of income over expenditure. Membership subscriptions remain the same as the previous year - Senior members \$55, Junior and Country members \$35, and Family membership \$60. There was discussion on the need for advertising and publicity for the club and its activities.

The raised track project is progressing well with embankments largely formed and most of the curved beam sections poured. Boxing for the remaining curved sections along the eastern side and the pillars for the straight sections along the western side are yet to be done. Quotes are being obtained for purchasing the track steel and landscaping / plantings are to be decided.

Nigel Wood
Secretary

Steam Section Meeting notes for May 17th.

A cool early winter evening with 5 members for a time of conversation and for viewing current projects.

The raised track extension project continues to occupy most of our attention at present and good progress is being made with piles of hard fill being spread around to the embankments. In fact, at present we have been so blessed with deliveries by local contractors that we don't need any more fill until the final stages of landscaping. Most of the retaining embankment tyres have now been placed

and filled and landscaping / plantings can be determined. With the arrival of rain recently, ground is rather soft which will make operation of the digger rather dicey.

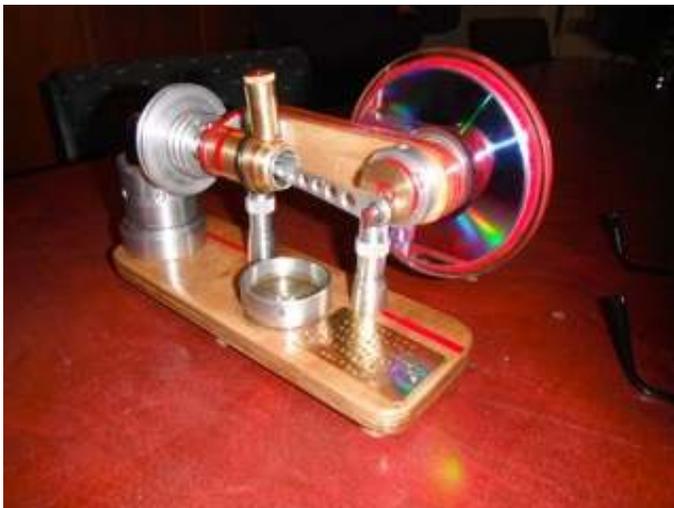


The curved beam section at the south eastern end will be poured on Saturday 21st, weather permitting and then boxing can be set up for the final curve section & bridge abutments along the eastern side. Mark is going to get a quote for rail steel for the extension - outside tracks will be 10 x 20mm and inside tracks 6 x 20mm flat bar.

Sunday afternoon running sessions have been fair with a good number of rides being given to people making the most of the extended period of mild weather.



Mark Taylor showed progress on the frames of his 5" gauge Speedy which now has ground steel axles with needle rollers in the axle boxes. He has wound the coil suspension springs which proved an interesting exercise.



Ken McIntyre had his #3 horizontal Stirling hot-air engine operating. He has been having problems with a smaller version of the engine in getting it going and suspects the piston size is too small for capacity and correct heat transfer. He has been using old CD discs in the flywheels for visual effect and showed the jig he used for machining discs to size. These discs are laminated and need careful cutting from both faces to prevent breakage. Tom Hood has

been working on various projects including finishing an air pump for Brent Coburn's loco.

Win Holdaway has fitted the safety valves to his 5" gauge NZR 'T' loco which is now ready for steam test.



Nigel Wood has been making a spark arrestor for his Sweet Pea after getting cinder burns. Making the base collar for the chimney from a brass billet has been interesting. A plug was cut from the centre of the billet by water jet to save a large pile of expensive swarf in the machining process and the collar just needs to have the radiused section finished off. It remains to be seen how effective the new chimney will

be.

The ground level track point actuating air solenoid valves have been giving some problems, due mainly to them deteriorating through not being used regularly. The solenoids are now obsolete and replacements will cost approx \$300 each. Do we persevere with trying to fix or investigate ways to overcome problems? Easiest way is to cannibalise points which are not used much and instal mechanical operating levers for these points. It could be that we need another water trap and oiler in the pneumatic system. Ken offered to check and lubricate each point mechanism.

Nigel

Boating Report.

No report this month.

Flying Report

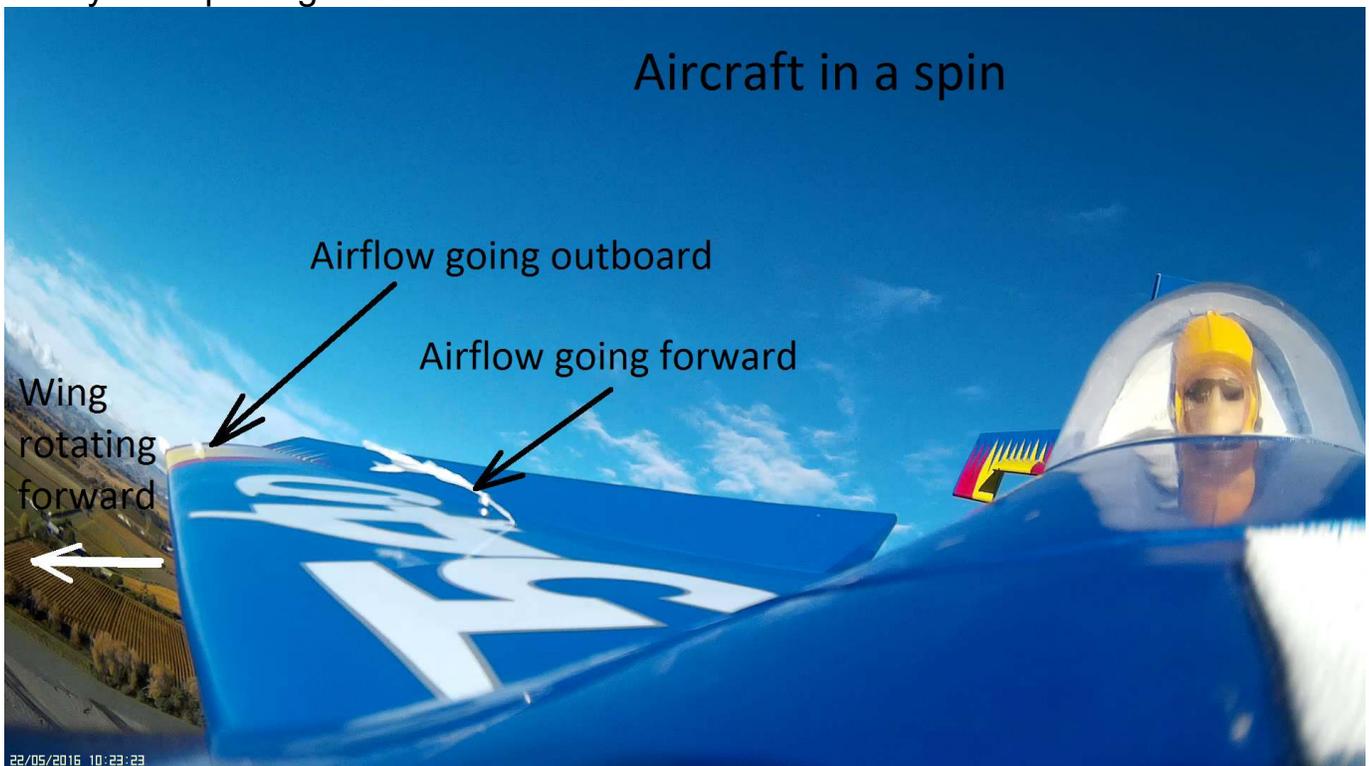
The early autumn weather provided numerous warm clear days and good flying conditions for the time of year. As I write this the weather forecast looks good for flying on Queens Birthday weekend.

BMAC will be holding their Annual fly-in on the Saturday and Sunday of Queens Birthday weekend at their ARA Flying field, for more info check out their website at <http://www.bmac.org.nz/Annual%20Fly-in%202016.htm>.

The April edition of Model flyers World magazine had a good article about the Blenheim summer aerotow meeting. It was also good to see Allan Baker featuring in the NDC competition results for vintage, soaring, Free-flight hand launched glider and catapult glider (and 2nd in tip launch glider at the Nationals), well done Allan. Unfortunately Allan lost his catapult launch glider at Chaytors, the dethermalizer did not activate, model was last seen heading toward spring creek area, if anyone has heard of it being discovered please let Allan know.

Model flyers World also had a big article about the MFNZ wings program, with new categories for FPV and for Multi-rotors, but mainly about advanced Wings badge in each of the categories. The Advanced fixed wing power schedule would be something challenging for our more experienced pilots to practise. Their (MFNZ's) overall aim is to improve the skill level, and safety, for all fliers. They equate the basic wings badge to solo and Advanced wings badge to PPL level for full size flying. For those of you who have not seen the Model Fliers World magazine it can be viewed here <http://www.modelflyingnz.org/Magazine/webapril16.pdf>

There are a couple of new gliders being built for next seasons slope soaring. Philip Gibbison is putting together a very racy looking 2 metre glider, and I have a JW60 foamy kit to put together over the winter.



I have been having fun with my Edge 540 model. One thing I have done is fit a video camera and fitted tell-tale streamers to watch the airflow in stalls and spins. This has shown some unusual results. The text books say an aircraft in a spin should rotate around it's C of G. While the wing in the picture appears to be rotating forward the streamer half way out the wing is also flowing forward, with the outer one flowing straight outbd. The ailerons do not appear to have any effect once the model is spinning. The question is where is the axis of the spin? Video

can be viewed here <https://youtu.be/C9IKMPx98pU> or an earlier video with tell-tales at different locations here <https://youtu.be/aZVzwxjq0E4>

Remember Subs are due if you have not already paid, details below.

Have fun, Fly safely

Cheers all,

Carl.

For Sale:

7 1/4" g. Loco and Tender "Southern Belle" with 3 NZR Ride on Passenger Carriages, ALL Running gear and storage/work trolleys.

5" Sweet Pea "Rambling Rose".

Both of these Excellently performing Loco's for sale because of health.

Full details from Ken McIntyre 035783346. 15 Solway Drive, Blenheim.

NOTE - NZ Model Flier's World is now available for issue at both Blenheim and Picton libraries.

MAMS Membership and Subscription Structure

Ordinary Member (all Sections)	S55.00
Family membership	\$60.00
Junior Member	\$35.00
Country Member (+40km from Blenheim)	\$35.00
Life Member	Nil.

Members may belong to any or all of the following Sections, for one Ordinary Membership fee:

Engineering - Boating - Flying.

*Flying Section members may join **MFNZ** (Recommended) for an **additional** annual fee of: **Senior \$70, Junior \$20, and Family \$75**, paid to MAMS.*

*NOTE: MFNZ Fees fall due on the 1st April each year and must be paid by the club before **1st July**, (if you could please pay to MAMS by the end of **May** to give me time to get the money to MFNZ in June it would be helpful). **NEW** members joining MFNZ after November 1st only have to pay half fees, however existing members renewing late, will still need to pay for a full year.*

For on-line payments members just have to use the club account number, give their name and purpose of payment, i.e. **MAMS subs**, and/or **MFNZ subs**.

SBS Bank Account number is 031355 0512739 00

Subscription Policy: Financial membership shall cease if the required subscription fee has not been paid by the **31st of July**. **Non-financial members**

are not covered by our insurance policy and therefore cannot operate their models at our designated sites, and they do not receive a Newsletter.

(**New** members who have joined and paid their Subs from December 2015 onwards are still considered paid up club members for 2016/2017 year)

Those who have paid their subscription since the last AGM may collect their membership card and receipt from a folder on the notice board in the clubroom. Anyone not wishing to renew their membership please let the treasurer, or a committee member, know. If any flying section members are not renewing their membership could they also return their key to the flying field.

Publication dates: 1st week of February, April, June, **August**, October, and December.

Please get any items (Notices, articles, or for sale items etc) for the **August** issue to the editor a few days before the end of **July**.