

NSWRA Newsletter



New South Wales Rocketry Association Inc.

December 2022

Wishing all our members a merry Christmas and a Happy and safe New Year.

Please take care over the holiday period.

We look forward to seeing you at our first launch day in 2023, on Saturday 28th January.

AGM - Report

The AGM and end of year party at the Sawmillers Restaurant was well attended, with 32 members

It was a great event to close out 2022, with everyone seeming to enjoy themselves.

The elected committee is as follows:

President: Ryan Shaw

Vice President: George Katz

Treasurer: Geoff Ingram

Secretary: David Cumming

Senior Advisor: Tim Banicevich

Committee Member: Derek Waterman

Committee Member: Brad Younger

Tim agreed to remain as the Tripoli Prefect for another term.

Thank you to all those prepared to volunteer for these positions.

Mullaley Weekend

The next Mullaley weekend has been scheduled for 1-2 April. Put this in your diaries!

Membership renewals

Your current NSWRA membership will expire on 31st December 2022. You can renew your membership now, to cover you for 2023. The membership fee was increased last year to enable the purchase of the Wilson F/X launch controller. Accordingly, we have reduced the membership fee for 2023 to \$60.

It would be appreciated if you renew by 1st January, so that your membership cards can be prepared and ready for collection at our first scheduled launch day next year, on 28th January.

MPR Motors now available!

As advised in the last newsletter, Berg's Hobbies at Parramatta now has a good range of Q-Jet low power motors and mid-power motors.

Prices are expected to be approximately:

<u>Q-Jet (2 per pack)</u>				<u>Mid Power Motors</u>	
A3-4	22.95	C12-8	29.95	E20-4W	2-pak \$79.95
A3-6	22.95	D16-4	34.95	E20-7W	2-pak \$79.95
B4-4	25.95	D16-6	34.95	F44-4W	2-pak \$89.95
B4-6	25.95	D16-8	34.95	F67-6W	2-pak \$99.95
C12-4	29.95	D22-4	39.95	G80T-14A	Single \$89.95
C12-6	29.95	D22-7	39.95		

Whalan launch days

In order to cater for members that are unable to attend Saturday launches, we will be scheduling a couple of launch days next year to be held on a Sunday instead. The first of these is likely to be held on 28th May.

Try to help look after our equipment

After every launch day, the igniter clips on our launch control system need to be cleaned or replaced, as they sustain damage from the exhaust of rocket motors. When you connect the clips to your igniter, could you please try to move the clips so they are not directly underneath the motor. We realise this may not always be possible with low power motors which have igniters with very short leads, but do your best.



The connections can also suffer if the leads remain connected to the rocket when it lifts off, so try to secure the leads to the pad to avoid this.

We have noticed a number of non-ignitions on occasion. We are monitoring this to determine if the equipment is at fault. At this stage it appears to be more due to an issue with the connection to the igniter (such as clips falling off, clips touching each other) or an issue with the igniters themselves – eg the “new” Estes igniters (with the clear/white tip) can be problematic. The Wilson controller allows you to test continuity at the pad, and we recommend that you always do this – after you have connected the igniter, press the button on the pad unit corresponding to your pad number. A red light and beep indicates continuity. This indicates that the igniter has been connected, but it could also mean a short circuit, with wires/clips touching each other (which you can rectify) or a short in the igniter (replace the igniter).

Upcoming Events

All launches are at Whalan Reserve unless otherwise noted

January

28 Launch Day

February

25 Launch Day

March

25 Launch Day



A rocket takes the igniter leads with it!