

# NSWRA Newsletter



New South Wales Rocketry Association Inc.

March-April 2015

We're changing the format slightly for the newsletters.

Important/topical items will now be listed first, with launch reports following.

I recommend that members keep informed and read at least the first page.

Of course, you should also check the website regularly.

## Mid-Power Rocketry for Juniors

In order to meet regulatory requirements, it is now a prerequisite that junior members wanting to fly mid-power (composite "E" motors and above) must be covered by a full/family membership. The parent/guardian is responsible for the purchase and use of the motors and ensuring that the junior is capable of making and safely launching larger rockets.

## Change to Membership Fee Structure – Now cheaper for Families!

The committee met recently and agreed that the full and family memberships will be merged into a single membership category, with the fee set at the lower cost, that of full membership.

"Junior membership" will be transferred to the all-encompassing single membership category, under the name of the parent/guardian, but pay the junior rate, with no increase in cost.

## Membership Renewals Due from 1<sup>st</sup> May

A reminder that **all** members will need to renew their memberships **before 30<sup>th</sup> June**.

Failure to do so may have implications for our insurance, as we are required to provide the insurer with an accurate number of members. Reminder emails will also be sent to members.

Remember also that non-financial members are not permitted to launch.

Payments may be made after 1<sup>st</sup> May by direct deposit; other payment options are possible. Send us an email at [nswra@nswrocketry.org.au](mailto:nswra@nswrocketry.org.au) for payment details. Those renewing in May pay the annual membership fee which makes their membership valid until June 2016.

Please supply a completed membership application form (new version) with your payment.

The membership fee for 2015-2016 is \$150 (senior rate). Junior rate (under 18) is \$90 (restricted to low power).

## Macquarie University Astronomy Open Night 23<sup>rd</sup> May

NSWRA will again have a stand at this event this year. This night is a good opportunity for us to promote rocketry and the club to the general public. The night runs from 6:30pm to 10:00pm. Check out details on their website: <http://physics.mq.edu.au/community/AFA/opennight/>

All members are welcome to help out. If you wish to do so, please contact one of the committee members, or send us an email: [nswra@nswrocketry.org.au](mailto:nswra@nswrocketry.org.au)

Note: If you are helping out on the stand, there is no charge for admission.

## Launch at Mullaley – June Long Weekend

Mullaley, near Gunnedah, is our high power rocketry (HPR) site, but it's not just for HPR. The site is much larger and more open than Whalan Reserve, so is ideal for any rockets that you may be reluctant to launch at Whalan.

Plus we can launch up to 8000 feet!

Launch days are Saturday 6<sup>th</sup> and Sunday 7<sup>th</sup> June.

Check your Inbox for emails about this event.



All launches are at Whalan Reserve unless otherwise noted

## May

- 10 Launch Day (also Mother's Day)
- 23 Macquarie University Astronomy Open Night
- 30 Launch Day

## June

- 6 - 7 [Queen's Birthday weekend] Launch days at Mullaley
- 14 Launch Day
- 27 Launch Day

## Launch Day 28<sup>th</sup> March

Number of launches: 34

Great conditions today made for lots of excellent launches.

Lawrence's "Heatseeker" flew nicely on a B6 motor.

George had 7 perfect flight of his "Axion II".

The Head family (Johnathan, Adrian and David) bettered this with 12 launches altogether, with motors ranging from an A3 in Adrian's "Mini Fat Boy", to an F15 in Johnathan's "Type 31" (twice),

Also launched on F motors were Stephen's "Shadow" and David C's "Incognito", both on F39s.

Stephen also launched his "Explorer", a fantastic-looking rocket, on a D12.

Spencer's "BBX 3" had 2 awesome flights on G motors (G64 and G76), and, with the perfect conditions, Matthew's "Calisto" on a G83 had a beautiful flight



Stephen's "Explorer"  
flies well on a D12

## Launch Day 12<sup>th</sup> April

Number of launches: 14



John and Paul getting ready for  
their drag race

A very relaxed day today, with not many launches, despite the good conditions – but typical numbers for Sundays.

Rhys launched his "Andromeda" on a B6 for a nice flight, and then launched his "Kookaburra 4" containing a payload of electronics, on an E9. Ascent was OK, but separation at ejection resulted in damage to the booster section on landing. Thankfully all the electronics were in the nose section which landed safely.

Luke W, a new member, successfully launched his "Max Loaded" and "Magnum Load" on C6 motors. Welcome, Luke!

The drag race of John's "Dust Devil" and Paul's "Black Thunder" on C6 motors was very cool.

It was good to see Neville back with his "Micro Mozzie" boost glider. Unfortunately this failed to launch.

Last launch of the day was Matthew's "Calisto" on a F42-4T – a perfectly matched motor for this rocket.

## Launch Day 25<sup>th</sup> April

Washed Out !

