

# NSWRA Newsletter



New South Wales Rocketry Association Inc.

January-February 2015

## Launch Day 31<sup>st</sup> January

Number of launches: 25

What a great day for our first launch in 2015!

After some initial issues with the club's launch controller as it recovered from its holiday break, the large number of attendees was treated to some fantastic flights in ideal conditions.

Chris V launched several models, including a V2, to high altitudes on C6 motors.

Josh launched his "Delta Clipper", a cone-shaped rocket, also on a C6, and his "Shadow" on a E15, for a couple of nice flights.

Spencer launched his "BBX", "Interceptor" and "Arreaux" on G64, F40 and E20 motors respectively- all were great flights.

David H launched his small "Voyager Micro" on aa A3 motor, then ramped things up with his "Typhoon" on a F22, "Zephyrette" on a F15, "Cherokee D" on a D9, and finished things off with a G64 in his "Danger Saucer" – awesome!



Johnathan's "Big Daddy" on an E12

## Launch Day 8<sup>th</sup> February

Number of launches: 15



Another perfect flight of  
Spencer's "BBX"

A very warm day with virtually no wind made for some excellent launches.

Mark B with his daughter Jess started things off with their "Eliminator" on an E9.

Spencer's "BBX" had 2 perfect flights on G motors, and the flight of his "Arreaux" on an E20 was just as good.

Geoff M even managed to launch something – his "Oblong" on a 1/2A motor.

We had 3 new members join us today – Jeff (family, with Adam), Lisa (family, with Tane), and Brett (full). Welcome!

Adam has launched with us previously as a visitor. Today he again launched his "Eagle Two", first as a single stage on a D12-7 motor, and then as a 2-stage with a D12-0 booster, for 2 amazing flights. He also attempted his MPR accreditation using an F42 motor in his "Arthur One" rocket, but unfortunately the chute partially failed, the rocket breaking a fin on landing. I'm confident he'll get it next time.

Tane's "Maxi Alpha" and "Splendor" had 2 beautiful flights to end the morning. (Special thanks go to Spencer for helping with their preparation)

## \*\*\* Breaking News for High Power Rocketry Fliers \*\*\*

NSWRA is one of several Australian rocketry clubs affiliated with AMRS (Australian Model Rocket Society Inc.) All members of NSWRA are by association also members of AMRS. AMRS is responsible for our insurance, and one of the conditions of this was that anyone intending to fly high power rockets had to certify through TRA (Tripoli Rocketry Association).

AMRS are now able to administer high power certifications. The certification process is similar to that of other high power organisations e.g. NAR, TRA.

**You can still join TRA, but it is now no longer a requirement if flying HPR at AMRS club sites.**

For more information about this, go to the AMRS website: <http://rocketry.org.au/>

# Reminder - Membership Fees

Only financial members are permitted to launch. This can include launches at all NSWRA sites (such as Mullaley), and other AMRS club sites, such as the upcoming THUNDA event.

Please check the expiry date on your membership card.

Members due to renew between now and June will pay an adjusted amount to cover them to 30<sup>th</sup> June 2015. Details are on the NSWRA website, or you can contact a committee member

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

Number of launches: 9

Great conditions again today. The number of launches was down as people prepare for THUNDA.

First launch of the day was Kevin's "Alpha" on a B6. He followed this with his "Burning Bertha" on a C6, "FAI 40" on an A10, and "Red" on a D12, for 4 nice flights

David C claimed closest landing to the pad with his "G3" on a G77 Redline LMS motor – mainly due to the chute deploying shortly after it left the pad (oops!) – a fairly typical experience with LMS motors.

Matthew's "Flying Sandpaper" also had a less than perfect flight when the shock-cord broke, but managed to recover all components.

To make up for this, David H had nice flights with his "Cham Cham" on a C6 and "Zephyrette" on a F32



Kevin's "Burning Bertha" had a beautiful flight

## Our next launch at Mullaley

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! We are planning to have launches at this site on the June long weekend, with launch days on Saturday 6<sup>th</sup> and Sunday 7<sup>th</sup> June.

## 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. Their website hasn't been updated yet, but you can check out details from last year:

<http://physics.mq.edu.au/community/AFA/opennight/>

All members are welcome to help out - please contact David C or one of the other committee members.

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

## Upcoming Events

All launches are at Whalan Reserve unless otherwise noted

### March

8 No launch

12-15 THUNDA (Queensland)

28 Launch Day

### April

3-6 Easter. Daylight Saving Time ends on Sunday 5<sup>th</sup>

12 Launch Day

25 Launch Day (also ANZAC Day)

### May

10 Launch Day

23 Macquarie University Astronomy Open Night

30 Launch Day