

NSWRA Newsletter



New South Wales Rocketry Association Inc.

July-August 2015

NSWRA on 7News !

A definite highlight for the club was for us to be shown in a segment on 7News, from our launch day at Whalan Reserve on Saturday 25th July. Video has been uploaded to Youtube, courtesy of a previous club member, David Bell: <https://www.youtube.com/watch?v=gH3BDN5i0zM>

The reporter, Michael Duffy, and his cameraman, did a fantastic job.

Huge thanks to all the club members for their contributions on the day.

Annual General Meeting

The NSWRA annual general meeting was held on Saturday 29th August.

The committee for the next year is as follows:

President	Timothy Banicevich
Vice President	Geoff Mee
Treasurer	David Head
Secretary	David Cumming
Webmaster, Assistant Sec.	George Katz
Senior Advisor	Andrew Eltobaji
Committee Member	Spencer Allen

Norman McGeoch, after 3 years of faithful service (thanks, Norm!), decided not to stand this year.

Thank you to those who are prepared to take on these responsibilities.

Next launch at Mullaley

It's still not too late for you to arrange to make the trip to Mullaley for launches on 12th-13th September. Mullaley is approximately 5 hours' drive from Sydney, on good roads.

Amongst other launches planned for this event are Tim's L1 certification flight using an H128 in a LOC "Weasel", and David C's "Bunyip" on an I161.

I'm not sure what George has planned, but it also should be spectacular.

Certification flights (AMRS and TRA) may be attempted on this weekend

If you haven't already advised of your intention to attend, please send an email ASAP to nswra@nswrocketry.org.au

Upcoming Events

All launches are at Whalan Reserve unless otherwise noted

September

12-13 Weekend launch at Mullaley

26 Launch Day

October

11 Launch Day

31 Launch Day

Launch Day 25th July

Number of launches: 32

An awesome day of launching, highlighted by the presence of 7News. The start didn't look promising, with first up a lawn dart of Steve's "Triple Whammy" (using a cluster of three A10 motors), followed by 2 non-ignitions. However, then things really got moving, with David H's "Danger Saucer" on a G64, followed by too many great flights to include them all here. There were plenty of photos taken today – check them out on the website (thanks, George)

Of particular note was the largest rocket launched today, Lawrence (& Alex)'s "Behemoth", the first flight of this scratch-built rocket, launched on a G88 motor. This rocket featured heavily in the 7News footage, as it was fitted with an on-board camera. A perfect ascent, but unfortunately it separated at ejection, the booster section breaking a fin on landing. Great video, though!



Lawrence's "Behemoth" on a G88 smoky motor.

Launch Day 9th August

Number of launches: 4

Despite the good conditions, we only had 3 members attending this launch. For those that didn't turn up, you missed some great flights.

Norm got us going with his "Arreaux" on a G64.

Dominic's "Cosmic Explorer" flew well on a C6 motor, and David C launched his "V2" on a B6 and "Placebo" on an E20.

Launch Day 29th August

Number of launches: 27

A slow start to the day, but more people showed up as the morning progressed, and we ended up with 27 rockets launched, using the full range of motors from Micromaxx to a G64 in David H's "Big Red Saucer".

David H also launched his "Big Daddy XL" twice on E18 motors, his "Cherokee D" on a D24, and his "FAI Pike" on an A10

Adrian's small "Silver Saucer" reached an amazing altitude on a C6. His "Fat Boy" didn't perform as well, struggling for enough speed on a SCR C6 motor to make it stable. This may be an instance of a heavy rocket under-performing on a low thrust motor, as it had previously flown successfully on Estes C6 motors – something to be aware of when launching rockets weighing near the maximum lift-off weight.

Lawrence launched his "Wizard" twice on B6 motors, and his "Heatseeker" also on a B6 (no stability problems when using this motor in this model, compared to less than nominal flights on C6 motors).

Paul's "Pod 2" had a nice flight on a C6.

A couple of visitors were impressed with the flights of their rockets on a variety of motors, from 1/2A in a "Mini Mosquito" to C6.

The flights of George's "Axion II" water rockets were again impressive



The long and the short of it
From left to right - David C's "Goliath" uses Micromaxx motors, Adrian's "Fat Boy" launched on a C6, Dominic's "EPM-010" used a B6-4 for its first flight