NSWRA Newsletter



New South Wales Rocketry Association Inc.

January-February 2017

Welcome to launching in 2017!

The first launch for 2017 on Saturday 28th January was excellent, but the weather wasn't too kind to us for the following 2 scheduled launch days in February – a fire ban caused a cancellation on Sunday 12th, and some long-awaited rain unfortunately started falling just before for the launch on Saturday 25th, resulting in another cancellation. Now that we've got those out of the way, we expect nothing better than perfect weather for the rest of the year's launches.

Mullaley launch weekend 1-2 April

Don't forget the first launch for 2017 at Mullaley, on the first weekend in April! An AMRS certifying officer will be in attendance for those wishing to attempt High Power Level 1 and Level 2 certifications.

Make sure you check your Inbox for details regarding this event. If you are interested in attending, you can let us know by sending an email to the club's email address: nswra@nswrocketry.org.au

Launch protocols on Saturdays

As most of you would be aware, on Saturdays we share the area at Whalan with the Doonside Aeromodellers (control-line model aeroplanes). Circumstances have dictated that we need to better coordinate our activities with theirs. At the last launch day on Saturday 28th Jan, in conjunction with the Doonside Aeromodellers, we implemented protocols involving audible and visual notifications between the 2 groups. The change in procedures results in a very minor disruption to our launches.

Macquarie University Astronomy Open Night

NSWRA will again have a stand at this event this year, to be held on Saturday 20th May, 6:30pm to 10:00pm. This night is a good opportunity for us to promote rocketry and the club to the general public. https://students.mq.edu.au/study/faculties-schools-and-colleges/faculty-of-science-and-engineering/department-of-physics-and-astronomy/association-for-astronomy/astronomy-open-night

All members are welcome to help out on our stand - please contact David C or one of the other committee members. Note: If you are helping out, there is no charge for admission.

Upcoming Events

All launches are at Whalan Reserve unless otherwise noted

March

- 12 Launch Day
- 25 Launch Day

April

- 1-2 Launch weekend at Mullaley
- 9 No launch at Whalan
- 29 Launch Day

May

- 14 Launch Day
- 20 Macquarie University Astronomy Open Night
- 27 Launch Day

Launch Day 28th January

Number of launches: 22

What a great start to launching in 2017.

Thank you to Mark Best for acting as RSO. We want to encourage other members to take on the operational roles of RSO and LCO.

George started us off with 2 perfect flights of his "Axion G6" water rocket with a pressure of 200psi. Landing in a tree wasn't too much of a problem as it was retrievable.

A number of smaller rockets included Kevin's "Red 21" (A10 motor), David H's "Meeka" (A3) and Adrian's "Mini Centurion" (A3).

Jason's "Little John" and "Patriot" had nice flights.

David H launched his "UFO Saucer" twice, first on an F12 motor, then on an F24.

David C used an E9 motor in his saucer called "5 Easy Pieces", anticipating a CATO due to the age of the motor. Unexpectedly, it had a good flight.

To make up for this, Doug's G115 motor in his "ARK-P01" did suffer from a CATO. Bad luck, Doug.

Norman's "Fractured" seemed to be over-stable, as it displayed significant weather-cocking. Rhys' "Kookaburra 5" had an excellent flight on an F15 motor – it should be quite something when it uses a central "G" motor with boosters.

Fastest rocket of the day would have to be David H's "Generic Blue Missile" on an E75. Not much chance of getting a pic of this launch!

Andrew finished off a great morning with his R14 Volcano" on an F39 motor.



Another perfect flight of Jason's "Patriot" on a B6 motor