

NSWRA Newsletter



New South Wales Rocketry Association Inc.

January 2026

We hope that you all had a happy and enjoyable holiday break. We look forward to seeing you at our first launch day in 2026, on Saturday 31st January.

AGM - Report

35 members attended the AGM and end of year party which was again held at the Sawmillers Restaurant in Quakers Hill. It was a great event to close out 2025.

The elected committee for next year is as follows:

President: Brad Younger

Vice President: Mitchell Galletly

Treasurer: Geoff Ingram

Secretary: David Cumming

Senior Advisor: Tim Banicevich

Committee Member: Norman McGeoch

Committee Member: Nick Cummings

Geoff Ingram agreed to be the Tripoli Prefect.

“Lucky door” prizes were won by: Brian Wong, David Bell, Nelle Barrett, Norman McGeoch and Russell Norton

Mullaley Weekend

The next Mullaley weekend has been scheduled for 7 - 8 March. Put this in your diaries!

Membership Renewals

If you have not renewed your NSWRA membership, it is recommended that you do so ASAP to take advantage of the discounted fee. This offer expires this month.

Please ensure that you have renewed your Tripoli membership (separate to NSWRA)

HPR Level 2 Certification

For any members that intend attempting high power level 2 certification, the exam can now be taken online: https://www.tripoli.org/content.aspx?page_id=3030&club_id=795696

Liquid Motor Propellants

TRA is now allowing bi-propellant liquid motors. As these are classified as research motors, any member wanting to use these must be certified to at least L2. There are restrictions regarding the oxidizer (nitrous oxide only) and fuels allowed.

CP location Requirement

One of the aspects checked at flight safety review is the stability of the rocket. If the rocket is a commercial kit, we have not required the stability calibre to be stated as the manufacturers would have already determined that the rocket is inherently stable.

However, if the kit has been modified or the rocket has been scratch-built, the flyer must confirm that the rocket is stable, and advise how this has been determined.

Typically scratch-built rockets utilise simulation programs such as Rocksim or OpenRocket, which determine the location of the CP (Centre of Pressure) and CG (Centre of Gravity). It is recommended that you are able to provide a print-out that shows these for your rocket.

You can also use the “cardboard cut-out” method to give an estimate of the CP location.

It has come to our attention that it is actually a TRA requirement that all rockets must have the location of the CP documented.

If you are not able to provide this information, we may not approve the launching of the rocket. We may be able to perform a “swing test” to confirm stability, but be aware that rockets may fail this test, even if the rocket is stable.

Upcoming Events

All launches are at Whalan Reserve unless otherwise noted

January

24 Launch Day

February

21 Launch Day

March

7 – 8 Mullaley Weekend

28 Launch Day