

# NSWRA Newsletter



New South Wales Rocketry Association Inc.

June 2022

We have had a number of people join the club recently - Welcome!

With this influx of new members, it is a good opportunity for members to familiarise (or re-familiarise) yourselves with the club's launch protocols.

## Step 1. Registration.

This requirement was only recently introduced. Any member intending to fly must register first. You must provide evidence that you are a member of both NSWRA and Tripoli, by showing your membership cards; or, if you haven't received your cards, show a copy of your receipt of payment (or email from Tripoli). You must also have signed the launch liability waiver form. You will then be issued a wristband.

## Step 2. Flight Safety Review (FSR).

All rockets must be approved to launch by a flight safety review officer/RSO. Fill in all the required fields on the flight card – do not write in the shaded sections. Write legibly; the FSR officer and LCO must be able to read it. Always re-check that you've filled in the card properly and initialled it before presenting the card and rocket for approval. There are examples of how to fill in cards at the end of this newsletter.

Be aware that you, the owner of the rocket, are responsible. You need to assure yourself that the rocket is OK to launch. Do not rely on FSR to identify any deficiencies

Note: the first thing that FSR will check is that you are wearing a wristband. If not, you may not launch.

Once approved, the flight card will be initialled by the FSR official. If it's not initialled, the rocket won't be launched.

## Step 3. Launch control.

Place the rocket on an appropriate pad, checking that it slides freely on the rod. Connect the clips to the igniter, ensuring that they're not touching each other. Write the pad number on the flight card, and put the card on the clipboard for rockets to be launched on the LCO table. The LCO will check that all the cards have been initialled by the FSR officers.

## Spot Landing Competition

We held this competition ("Go for the Moon in June") at the last Whalan launch day, which was a lot of fun. The three members landing closest to the "Moon" and the distances from it were:

1. Shriya Kodre, "Rocket Zero", 5.1 metres
2. Kush Prajapati, "Attempt #1", 11.9 m
3. Derek Waterman, "Fat Boy Mini", 13.0 m

## Social Night / Get-together

We are having another social night at Quakers Inn, Quakers Hill, starting at around 7pm, on Wednesday 17<sup>th</sup> August. This is the venue where we hold the AGM and end-of year party. Quakers Hill railway station is nearby. Meet in the restaurant section, not the bar area.

In addition to being a social night and a chance to meet and chat with other members in a more relaxed environment than at a launch day, it is when prospective HPR L2 candidates can take the exam. You will need to converse with Tim if you intend to attempt certifications

Several committee members will be attending, so if you have any questions about rockets, the club, or the upcoming Mullaley weekend, this would be a good opportunity.

## Whalan Reserve affected by planned development?

You would have received an email about this a few days ago. Some of you have already submitted a response – thank you. We are uncertain how this may affect us; if they receive a large number of submissions requesting that our launch area be developed, we may have an issue. Therefore it is recommended that if you haven't done so, drop a pin on the interactive map, in our range area, with a comment about our usage. You can stress the social and educational aspects of our activity.

<https://dpe.mysocialpinpoint.com.au/ropes-creek-corridor>

## Mullaley weekend / rescheduled Whalan launch day

The Mullaley weekend is scheduled for 27<sup>th</sup> – 28<sup>th</sup> August. The landowner has advised that the ground is drying out. Hopefully this trend continues and access to the site will continue to improve.

As we would ordinarily hold a launch day at Whalan on Saturday, this has been brought forward to the previous weekend, ie 20<sup>th</sup> August.

## Macquarie University Astronomy Open Night (AON)

Macquarie University is resuming holding the AON after cancelling the last 2 years due to COVID. It will be held on Saturday 17<sup>th</sup> September. This is a good opportunity to promote rocketry and NSWRA. We will again be having a stand, but at this stage we don't know how much space we will be allocated. If you are interested in attending, please let me know.

### Upcoming Events

All launches are at Whalan Reserve unless otherwise noted

#### July

31 Launch Day

#### August

17 Social night/get-together

20 Launch Day

27-28 Mullaley weekend

#### September

17 Macquarie University Astronomy Open Night

24 Launch Day