



We hope that everyone is staying safe, and are coping with the lockdown as best they can.

The NSW government has produced a road map for recovery, which will allow a number of freedoms after 18<sup>th</sup> October.

Initially this will only apply to those who are fully vaccinated. It is recommended that all members do so.

At this stage we don't know if this will allow us to resume launching, we will advise members as soon as we know.

As always, the safety of our members is our #1 priority.

## Memberships Now Due

Memberships for 2020-21 expired on 30<sup>th</sup> June. Thank you to all who renewed promptly!

We realise that with the uncertainty around launching due to COVID, members may be holding off renewing. However, there is no real benefit in delaying payment. The renewal fee is \$70, irrespective if you renew now or in 2 months' time.

You will need to renew before you are permitted to launch. We don't want a rush of renewals immediately before or at the next launch day.

Preferred payment method is by electronic funds transfer. The bank details are on page 2 of this newsletter.

Note that your Tripoli membership is independent of NSWRA – each member is responsible for renewing their own TRA membership. You will receive a reminder from TRA when your membership is due. Please action this promptly so you can receive your new membership card before your old card expires. Current membership needs to be confirmed at flight safety review; presentation of an up-to-date card will help avoid awkward situations.

## Zoom Meetings

The Zoom meeting that was held in place of our launch day on 28<sup>th</sup> August was quite successful.

Accordingly, it is intended that we will hold these if any subsequent launch days are cancelled. This will include days affected by adverse weather conditions as well as COVID.

These meetings provide a great opportunity for members to show off their latest creations, and ask any questions about projects or the club. Most of the committee members will be attending these meetings.

## Virtual Rocket Competition

The winner of the previous virtual rocket competition was Norman McGeoch – congratulations, Norman!

His design was simulated to achieve an astounding altitude of 1767m (5797ft) on an “H” motor.

Tim has sent an email about the next competition, which should suit members that aren't inclined to launch HPR, to design an LPR/MPR rocket to achieve the highest altitude using an Estes E12 motor.

The competition rules are on Page 2 of this newsletter.

## Altius Gold - new rocket kits

If you haven't already done so, check out the range of new rocket kits available from Altius Gold:

<https://www.altiusgold.com.au/dynastar-kits>

### Upcoming Events

All launches are at Whalan Reserve unless otherwise noted

#### October

30 Launch Day or Zoom meeting

#### November

27 Launch Day or Zoom meeting

Annual General Meeting. Venue TBD, or held on-line

## NSWRA BANK DETAILS

BSB : 062-336

ACCOUNT NO : 10094531

ACCOUNT NAME : NSW ROCKETRY  
ASSOC

### Virtual Rocket Competition Rules:

1. Maximum altitude with a landing velocity of  $< 6\text{m/s}$  and stability calibre of at least 1.5
2. Balsa wood fins and plywood centering rings, both with minimum thickness of 3mm
3. MUST contain a parachute/streamer, shock cord (at least 1 metre) and launch lugs. Standard OpenRocket materials
4. Existing components can NOT be shortened, "thinned" or lightened, but may be lengthened or added to.
5. The motor must be the Estes E12, but the delay can be altered.

Competition entries are to be sent to [geoff@ingram.org.au](mailto:geoff@ingram.org.au) and received by 30 Sept 2021.

The prize will again be rocket motors to the value of \$50.

As an extra challenge, why not actually make the rocket, launch it on an E12 motor and see how closely the achieved altitude matches the simulation?

Good luck!