

NSWRA Newsletter

New South Wales Rocketry Association Inc.

Aug-Sep 2013



Launch Day 11th August

Number of launches: 38

Great weather today. Dead calm at first, with the wind only developing to light north-westerlies by late morning.

A warm welcome to our newest member, Craig M., who successfully launched his 2 rockets intriguingly named “Deep Purple” and “Enola Gay”.

Josh had an interesting variety of flights, with good launches of his “Yankee” and “Top Shot”, an unstable flight of his “Condor” boost glider, and a CATO of an E18 motor in his “Mean Machine”.

Plenty of nice flights, including Campbell’s “Ballistic Crayon” on a G76, and his “Cream Dot” on a G80 sparky motor.

George was examining gravity-activated deployment systems using his water rockets. The results are fascinating - check out the video on youtube: http://www.youtube.com/watch?feature=player_embedded&v=oC8AbWXFITw or on his website: <http://www.aircommandrockets.com/day136.htm>



Spencer’s “G-Force” with an unusual motor burn – possibly due to a blocked nozzle or a leak in the aft O-ring

Launch Day 31st August

Number of launches: 25



A warm day for this launch, with light to moderate winds.

Phil G visited the site today to supply a launch rail and stand for club members’ use. Thanks Phil! The rail is a 2m long Capral extrusion. For details of dimensions, please see the NSWRA website, under “Launch Equipment”.

David H. had some great flights with his saucers, and also launched his “Centurion F” on a rare motor, a Cesaroni E75. This really left the pad in a hurry.

George successfully launched his “Axion G4” with drop-away boosters several times. The main stage was using foam with a small nozzle diameter for a very long “burn time”. The boosters are necessary to get the rocket up to speed.



“Axion G4” as the boosters drop away

Launch Day 8th September

Number of launches: 8

It was only a week since the previous launch, and it was the day after the election. Whatever the reason, there were only a small number launching today.

The calm conditions allowed Neville to try for a glider duration record with his “Micro Mozzie”. It was looking promising until the glider turned into the light wind, but still managed a respectable time of 16.8 seconds – very impressive considering the size of the MicroMax motor.

Congratulations to Madison for gaining MPR accreditation with his AMRAAM using a F52 motor.

Thanks to Marco, a visitor, for pics and video in George’s absence



“Ganymede” lifting off on a F40 motor

Launch Day 28th September

Cancelled due to Fire Ban

Annual General Meeting

As a result of the cancellation of the last launch, the AGM will now be held on site on Saturday 26th October after we've finished launching. Please bring a chair or 2, and if you have a gazebo, its use would be much appreciated.

Our Treasurer, John Wiltshire, has indicated that he won't be re-nominating for his committee position next year. If you can help out in this role, please nominate!

Be aware that you need to be a financial member to vote, be on the committee, or launch. If you've renewed in the last month or so, please bring along a receipt or bank transfer receipt number to ensure that you don't miss out on voting.

In case you're not aware, for those members that joined the club in 2008 or later, the middle 2 digits of your membership number indicate the month that you joined, and thus the month your fees are due.

Eg. With a membership number of 310909, your membership would expire at the end of September.

Use of "Sparky" Motors

The committee is currently discussing a number of aspects regarding the use of "sparky" motors. Manufacturers have their own nomenclature for these propellants, including "Metal Storm" (Aerotech), and "Skidmark" (CTI).

Due to the enhanced fire risk associated with these, an assessment regarding their use will be made on the launch day. Members intending to use these motors must advise the RSO and LCO beforehand.

The current weather conditions and the state of the launch site are not conducive to their use at this time.

Some Sad News

On Tuesday 24th September, Peter Berg's mother passed away.

A card has been sent to Peter on behalf of NSWRA.

Upcoming Events

October

13th Launch day

26th Launch day & AGM

November

10th Launch day

30th Launch day

December

8th Launch day. Last launch for 2013