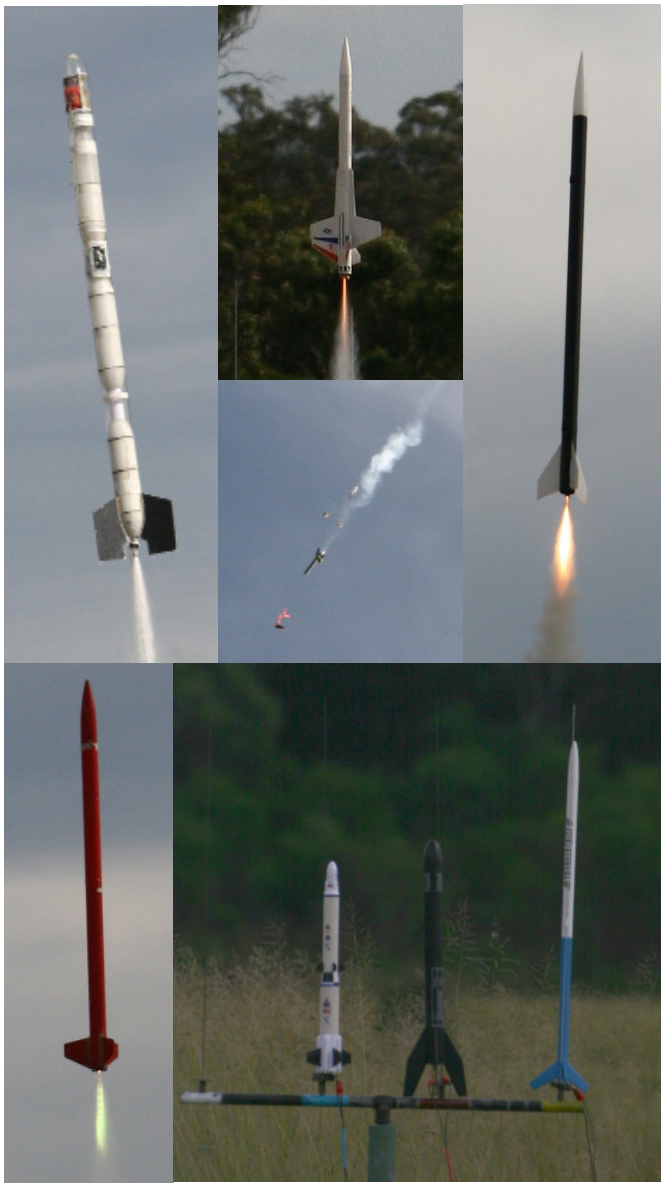
NSWRA Newsletter

New South Wales Rocketry Association Inc 22nd May 2010

Launch day: 24th April 2010

Conditions:	Fine but windy
Total launches:	26
No ignition:	5
Failed recovery:	2
CATO:	1
Tree landing:	2

The day looked good but was windy and this kept the number of launches down. However, we did have a number of good launches.
Photos of this day can be seen here:
http://s278.photobucket.com/albums/kk99/elta100/NSWRA 2010-04-24/



Launch day: 9th May 2010

Conditions:	Excellent, blue skies and very calm
Total launches:	11
No ignition:	2
Failed recovery:	3
CATO:	1

Sorry to brag, but the conditions for flying on the Mother's day launch were perfect – if you weren't there you missed out! It was a shortened day and so we had much less launches overall. There were some good flights and some failures – mainly due to old motors. Nev finally got his Apollo escape module off the pad – a bit more sideways than up!
http://s278.photobucket.com/albums/kk99/elta100/NSWRA 2010-05-09/

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BBQ at next launch!!!!

There will be a BBQ at the next launch day.

$4.50 Sausage on a roll and a can of drink
$3.50 Sausage on a roll

All monies raised will go towards the NSWRA funds.

Altitude competition

An Altitude competition will be held next launch day. The classes of entry are:

Three Divisions: 'L', 'H' and 'P'
Division L

- Engine size open E and above
- Rocket must launch safely, completely deploy recovery system and land safely
- Non-structural damage is acceptable (eg dinged fin but not broken off)
- Tumble and impact controlled recovery not eligible

Division H

- Engine size open
- Rocket must launch safely, completely deploy recovery system and land safely
- Non-structural damage is acceptable (eg dinged fin but not broken off)
- Tumble and impact controlled recovery not eligible
- Scoring is on two scales
    - Absolute = 1pt / foot
        - Factored= absolute/ engine classification (A=1)

For example, a C motored rocket reaches 600' absolute altitude, an F motored rocket reaches 1100' and a G reaches 1400':
600 / 3 = 200pts
1100 / 6 = 183pts
1400 / 7 = 214pts

Division P

- Competitor advises judges before flight of predicted altitude of flight
- Scoring is based on the % variance from predicted flight- smallest variance wins

All:

- Altitude calculation is at the discretion of the judges

To promote this event, the NSWRA will supply two A8-3 motors for all full members present at the event for entry into the competition. This will allow entry into Division H and Division P. That means that there are no excuses for not entering!

High Power launches at Doonside.

H-powered launches have recommenced at Doonside. If you are interested in launching HPR please contact me.

Next launch day

The next launch day is scheduled for Saturday 29th May 2010 followed by Sunday 13th June 2010.

Andrew Eltobaji
NSWRA President