



## Royal Newcastle Aero Club

Windsock Tails...  
>>>



**Hello Everyone,**

Welcome to “RNAC Windsock Tails”, #015.

A little bit different today... Have you ever thought about vertical flying of the visual variety?

In 1979, just as my flying interests started I had already a great interest in model aircraft and model rocketry. At the time it was quite costly and in addition to flying lessons, the mortgage and everything else, something had to go.

Two years ago, whilst cleaning out the garage, I found my old rocketry kit. This immediately rekindle the interest. Most recently, I had the opportunity to build and fly several rockets on a private farm on the edge of NSW. Below are some photos of one of the rockets and it's second flight of the day.

This is my homemade model rocket. The centre core is a cardboard inner roll from Christmas paper. The nose cone is made up of four A4 sheets of paper that are rolled into a cone shape, masking tape, Aquadhere wood glue and any second hand paint you can find. The fins are made from a generic cardboard box. With 2 straws on the side for launching guidance. Electric starters, a roll of cable and a battery and you are ready to go...



### Specifications...

- **Length:** 765mm.
- **Weight at Take Off:** 205gms.
- **Nose Cone Ballast:** 29gms total.
- **Engine:** Solid propellant, model rocket, single use engine.
- **Time to build:** 5 hours of free time.
- **Centre of Gravity:** Positioned on the top red ring.
- **Centre of Pressure:** On the first red ring above the black ring.
- **Cost:** Roughly \$17.00 for each engine.
- **Visual impact:** Very High for most people.
- **Sound:** Unreal, again for most people.

## The Flight...



This is a great hobby. For those who indulge I think would agree that watching these flights can be very entertaining...

Very kind regards, Trevor.

**Director and Life Member.**  
**Royal Newcastle Aero Club**

