

Major Parts of a Quest Starhawk Model Rocket



Nosecone

The nosecone "splits" and evenly distributes the airflow past the top half of the Starhawk body. The nosecone can be pointed, circular or even flat!

Body Tube (Fuselage)

In model rocketry we call the rocket fuselage the "body tube". This is usually made of spiral wound cardboard.

Recovery System and Wadding:

Inside of the model rocket you can find the "Recovery System" (a Starhawk has a streamer – larger models use a parachute). Also the "recovery wadding" to help prevent the hot ejection gasses from burning the recovery system.

(Inside)

Model Rocket Fins:

The fins guide the airflow evenly past the lower half of the rocket body and are very important to a flight that is straight and true.

Thrust Ring:

The thrust ring fits into the end of the motor tube. This ring prevents the motor from moving forward (through the model rocket!) at ignition.

Integral Launch Lug:

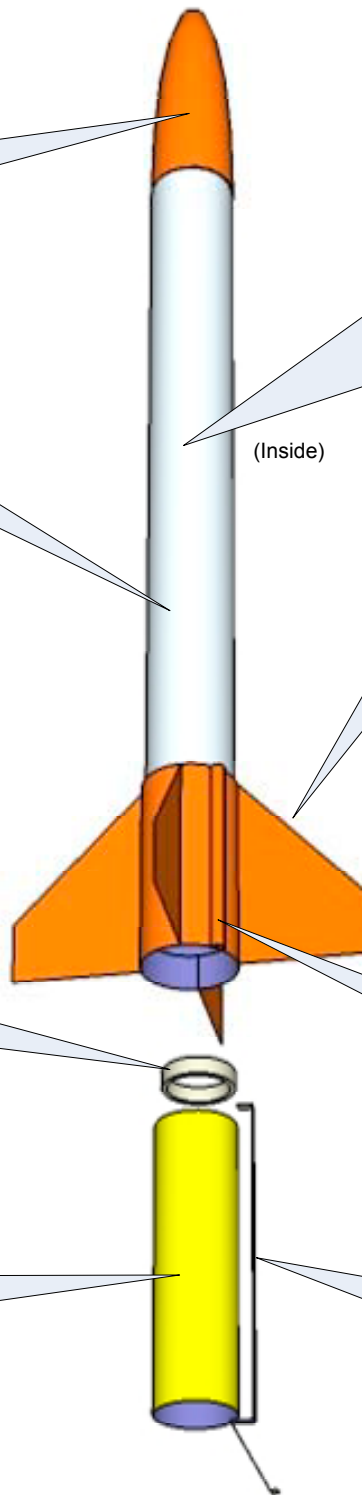
The Starhawk has a one-piece fin unit with an "integral launch lug". This lug allows the Starhawk to slide down the launch rod on the launch pad.

Motor Tube:

This paper tube holds the model rocket motor during flight. In the top end you can find the "thrust ring".

Motor Clip:

This is the only part of the model rocket kit that is made of metal (to withstand the intense heat from the motor). The motor clip ensures that the motor does not eject "mid-flight".



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