

Nova Starchaser 4 1/52 scale paper model



On 22 November 2001, Starchaser 4 was launched from Morecambe Bay as a full-scale test of rocket systems. It was never intended to be a full flight into space (above 100 km) as the UK Civil Aviation Authority restricts any rocket testing on the UK mainland to below 10,000 feet.

Starchaser 4 flew to a height of approximately 5,538 feet before parachuting back down into the bay.

This was at the time the biggest rocket ever fired from the UK mainland (37 feet tall) with the booster housing a one-person Nova capsule on top.

The rocket, originally intended to be reusable, was damaged on landing and only launched one time.

NOTE:

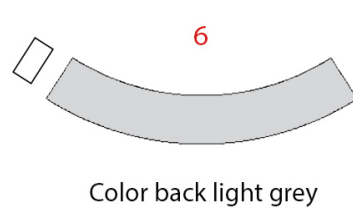
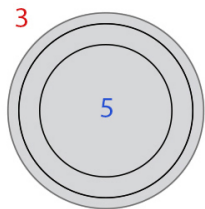
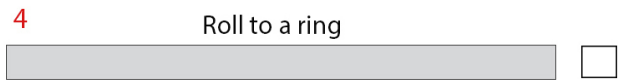
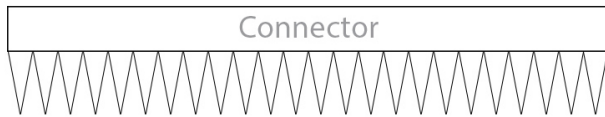
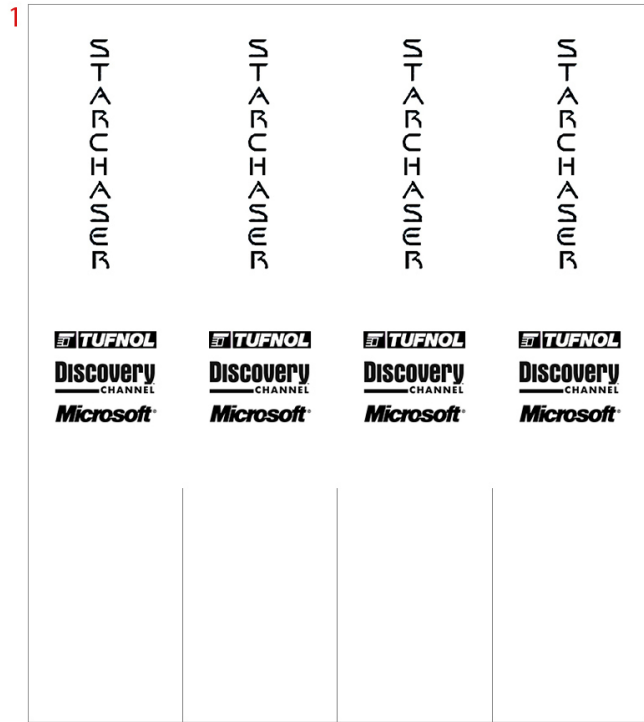
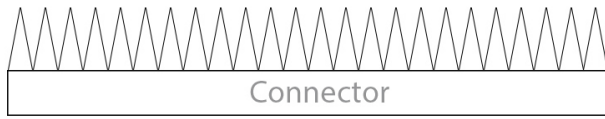
Many photos can be found showing the display model of the rocket with some of the logo decals that is different than the actual rocket being launched shown on the left.

Only three photos are found showing the actual rocket - one before launch and two during launch.

Not all logos can be accurately be determined what they are and where they are placed on the actual rocket. Only the logos seen in this photo are used in the design of this model in a attempt to make the model as accurate as possible.



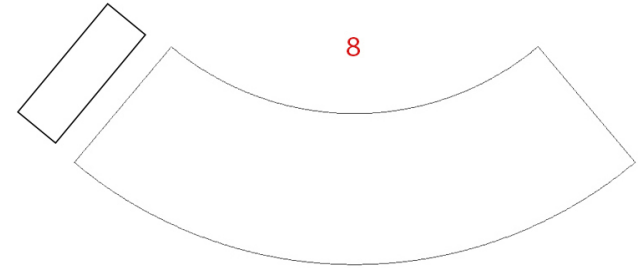
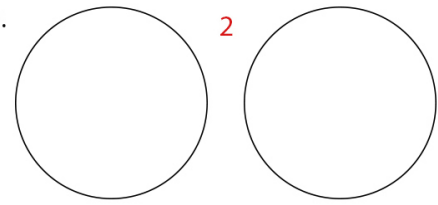
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Internal Formers to insure roundness.
Glue to cardstock.

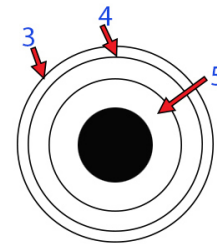


Fold each pair of fins
back-to-back

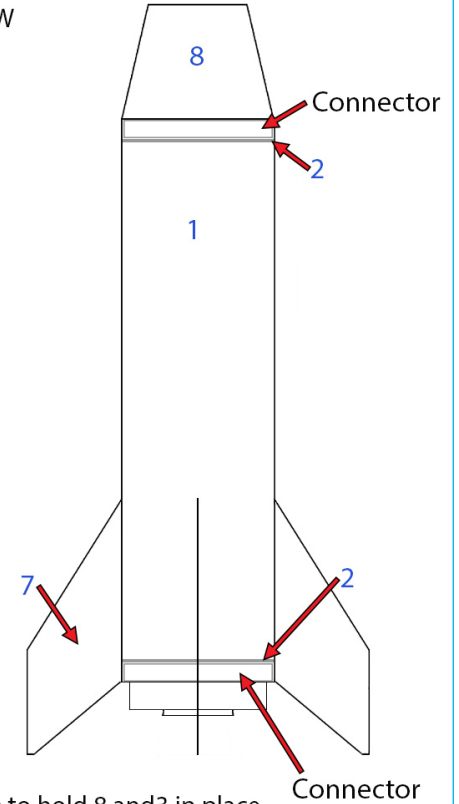
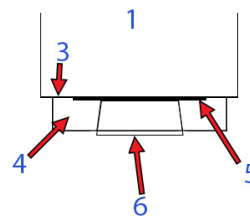


1st stage Instructions

Engine area BOTTOM VIEW

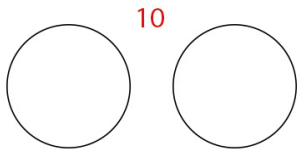
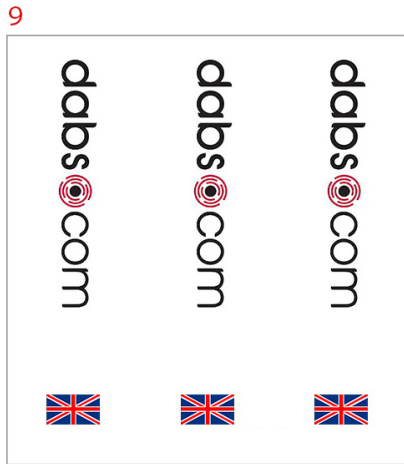


Engine area SIDE VIEW

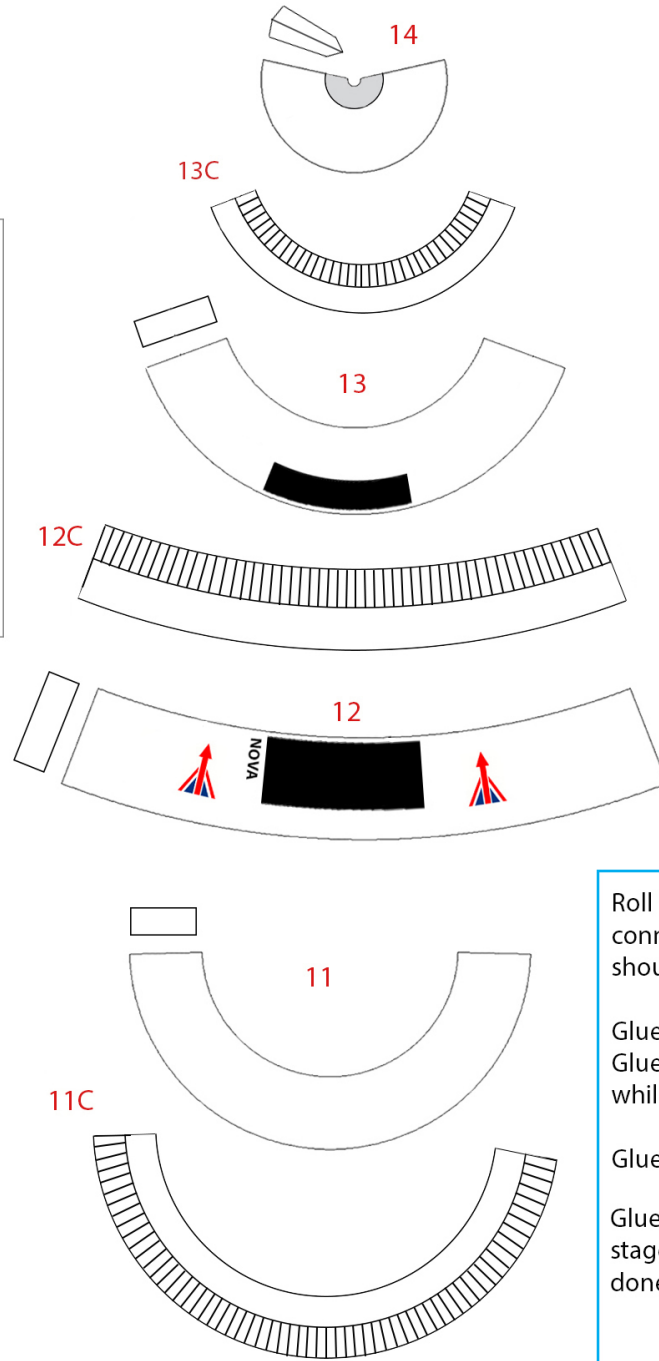


Connectors are glued inside to hold 8 and 3 in place.
Internal Formers (2) are glued inside against the connectors. Fins are glued on the lines at the bottom, one fin is glued on the seam behind the model.

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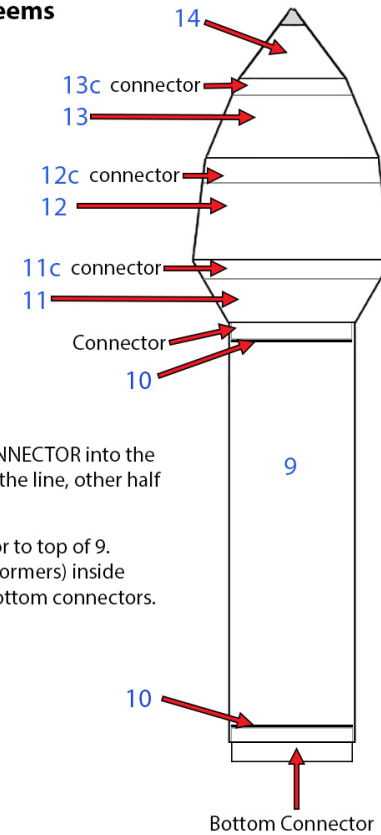


Internal Formers to insure roundness. Glue to cardstock. Glue inside against the upper and lower connectors.



2nd Stage Instructions

Line up all seems



Glue **BOTTOM CONNECTOR** into the bottom of 9 up to the line, other half should stick out.

Glue top connector to top of 9. Glue 10 (Internal Formers) inside against top and bottom connectors.

Roll 11 - 14 into cones. Glue their perspective connectors onto these parts. Spikes on connectors should stick out to hold other parts together.

Glue 11-11c on top of 9, Line up the seems. Glue 12-14 on top of each other using the connectors while aligning all seems.

Glue this on top of 1 while aligning the seems.

Glue the completed 2nd stage on top of the 1st stage while aligning the seems, your model is done.

