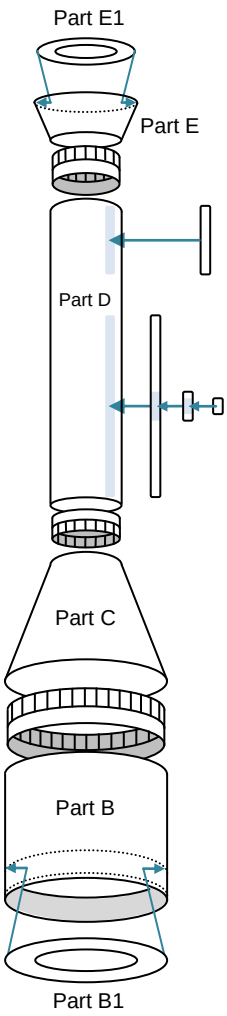
TAURUS
Model 3110
63 inch payload fairing

Scale 1:96

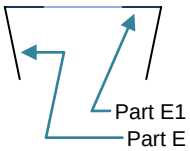
Launched February 24, 2009 with NASA's OCO satellite from Vandenberg AFB, CA.

Step 1 – Central Body

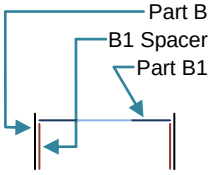


1. Assemble center section from the bottom up, starting with Part B.
2. See the notes on how to use the B1 and E1 Parts.
3. The seam will line up all the way up the back.
4. Glue the cable runners to card stock and then on to the shaded areas of Part D. The bump should be between the 'D' and 'S'.

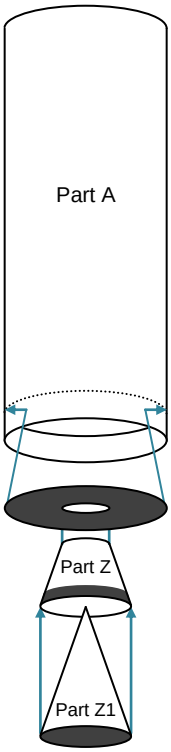
Parts F, F1 and E-F Connector



Parts B, B1 and B1 Spacer

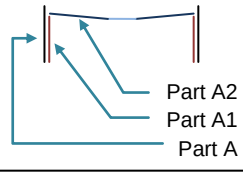


Step 2 – Castor Body



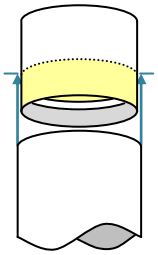
1. Assemble Part A and glue Part A1 inside Part A, flush with the bottom.
2. Glue part A2 to cardstock and use Part A3 to glue A2 into a shallow cone. Glue to Part A. See diagram below.
3. Assemble Part Z into a cone. Roll and glue Part Z1 inside Part Z with printing on the inside.
4. Glue Z parts to A1.

Parts A, A1 and A2

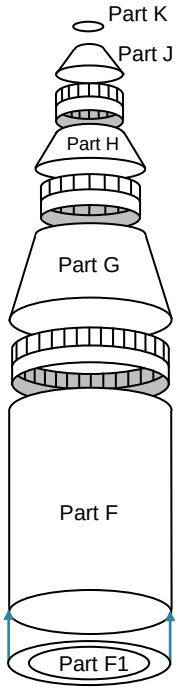


Step 2A

Slide Part A over part B and cover light yellow section. Glue in place, aligning seams on both sections.



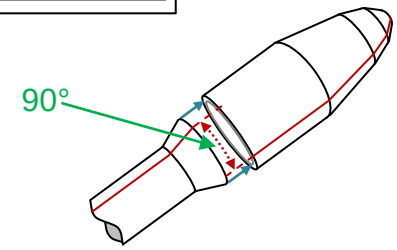
Step 3 – Payload Fairing



1. Assemble Part F and then glue Part F1 inside the bottom of Part F.
2. Continue through part J, using a toothpick to press the G-H and H-J connectors down.
3. Carefully cut part K out and glue the top of Part J. There is a spare if you cut it too small by mistake.

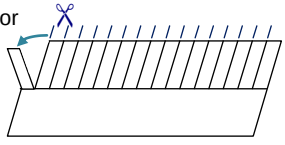
Step 4 – Final Assembly

Glue fairing section to the central section. Note, that the seams will be 90° off, with all the logos lining up in the front of the rocket.

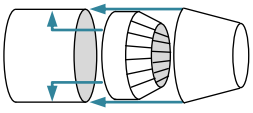


How to use connectors

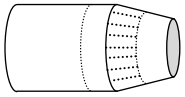
1. Cut out the connector and cut along small lines to make one side a line of 'tabs.'



2. Roll into a tube and glue inside the larger diameter tube.
3. Fold the tabs in slightly and apply some glue.



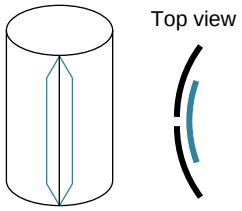
4. Attach the cone, using a small wooden or plastic rod to press the tabs to the inside of the cone.



Pictures of Finished Model

Glue Tabs

Glue sections into tubes using the connector to keep the joint flush.



Special thanks to Carlos Niederstrasser and Mic Woltman.

To find out more about the Taurus launch vehicle, go to http://www.orbital.com/.

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