TAURUS

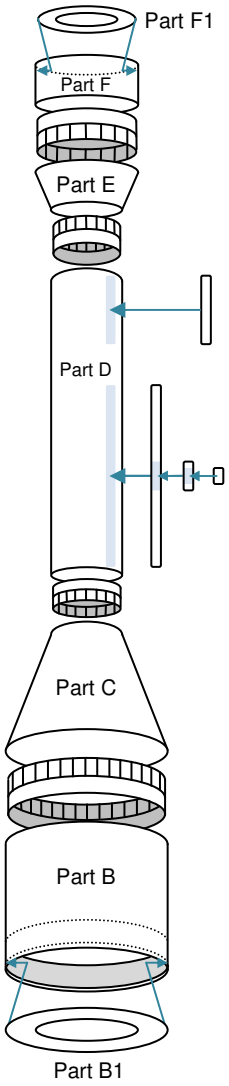
Model 3210

92 inch payload fairing

Scale 1:96

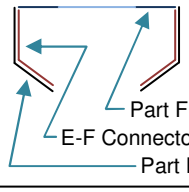
Launched May 20, 2004 with ROCSAT-2 Taiwanese remote sensing satellite from Vandenberg AFB, CA.

Step 1 – Central Body

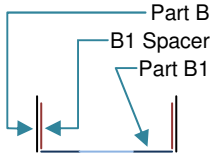


1. Assemble center section from the bottom up, starting with Part B.
2. See the notes on how to use the B and F Parts.
3. The seam will line all the way up.
4. Glue the cable runners to card stock and then on to the shaded areas of Part D.

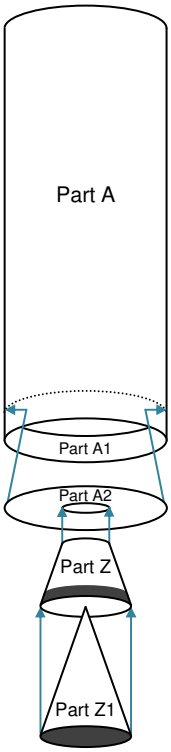
Parts F, F1 and E-F Connector



Parts B, B1 and B1 Spacer

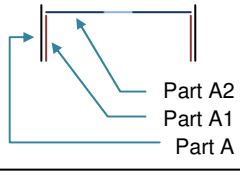


Step 2 – Castor Body



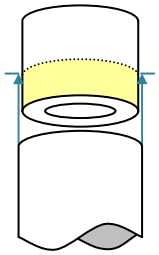
1. Assemble Part A and glue Part A1 inside Part A, flush with the bottom.
2. Glue part A2 to cardstock and glue inside Part A. See note.
3. Assemble Part Z into a cone. Roll and glue Part Z1 inside Part Z with printing on the inside.
4. Glue Z Parts to Part A1.

Parts A, A1 and A2

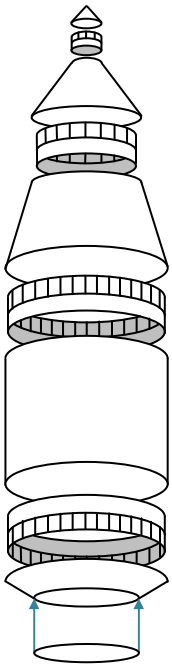


Step 2A

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



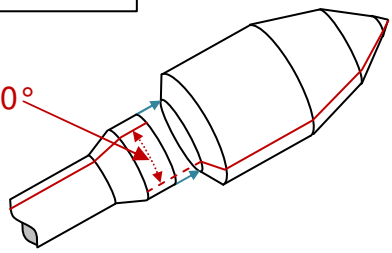
Step 3 – Payload Fairing



1. Assemble Part G and H and glue together. Glue Part G1 inside bottom of Part G.
2. Continue through part K, using a toothpick to press J-K connector to part K.
3. Use of the K-L Connector is optional, and may not be necessary.

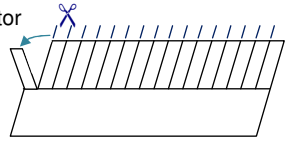
Step 4 – Final Assembly

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.

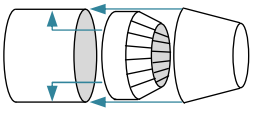


How to use connectors

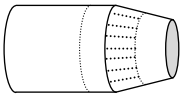
1. Cut out the connector and cut along small lines to make one side a line of 'tabs.'



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



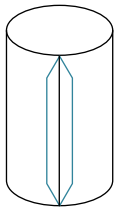
4. Attach the cone, using a small wooden or plastic rod to press the tabs to the inside of the cone.



Pictures of Finished Model

Glue Tabs

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



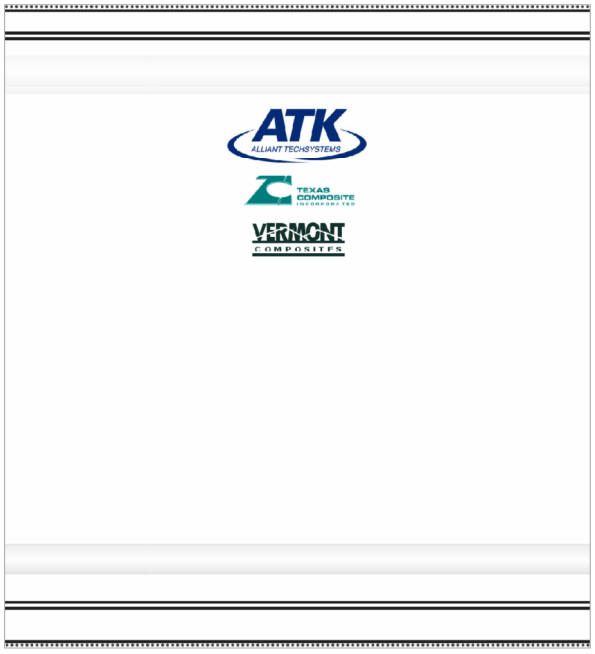
Special thanks to Carlos Niederstrasser.
To find out more about the Taurus launch vehicle, go to Orbital's website at http://www.orbital.com/

D-E Connector

C-D Connector

Cover this area

Part B1 Spacer



Part D

Part A1

Part Z

Part Z1

Part A2
Glue to cardstock

Part B

Part L

Spare

Part K

1 inch

1 cm

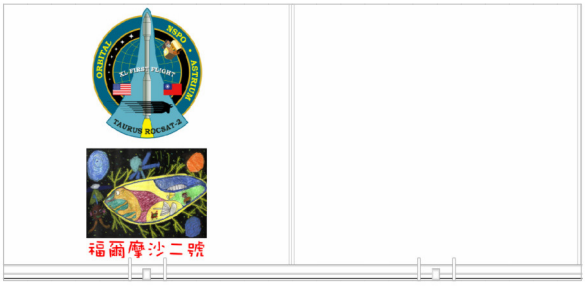
1 cm

1 inch

Part J

Cable Runners
Glue to cardstock

H-J Connector



Part H

Part B1
Glue to cardstock

Part G

Part G1

Glue to cardstock

Part F1

G-H Connector

Part F

E-F Connector

Part A

Part E

Part C

B-C Connector