

# DELTA II

*Delta 7925 281*

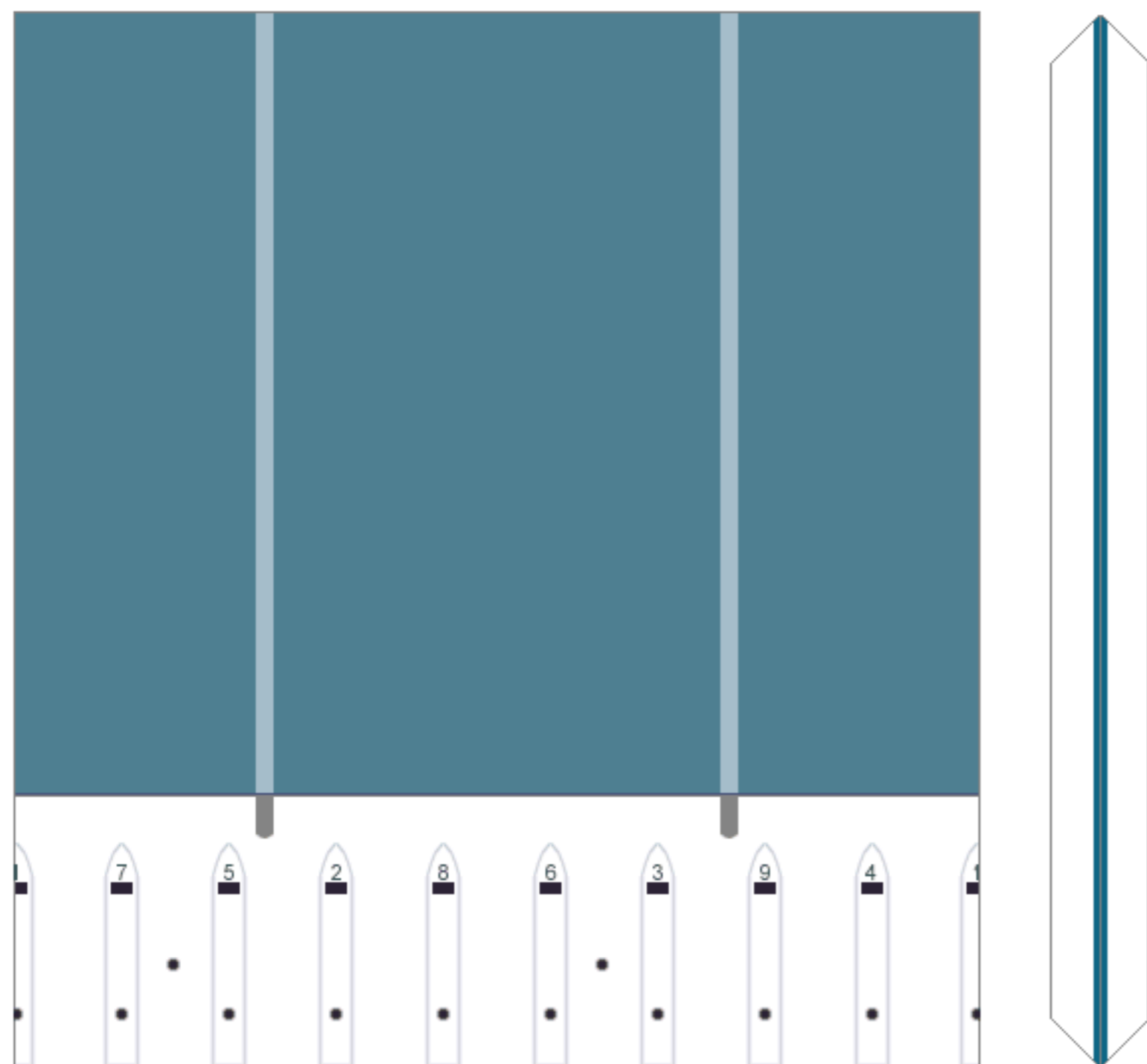
Launcher of the NAVSTAR GPS satellites



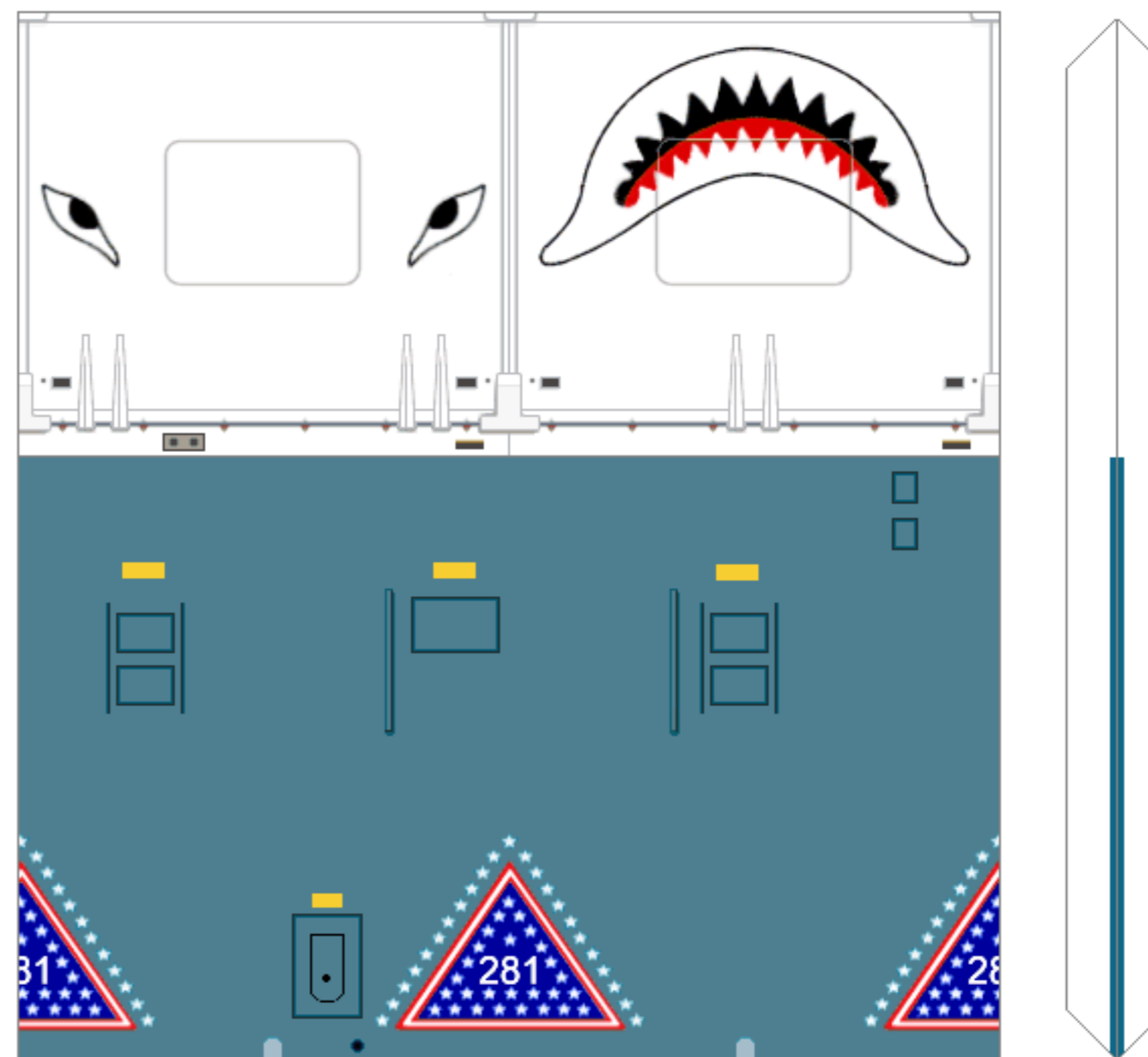
## Scale 1:96



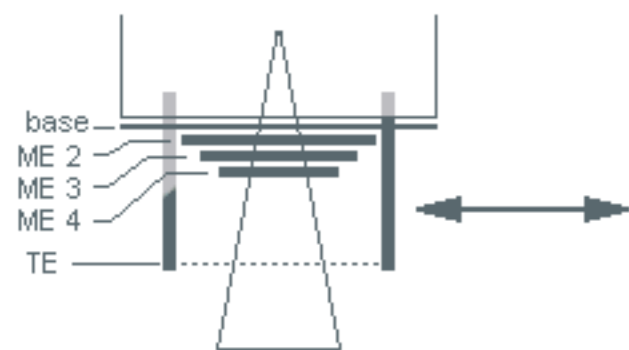
Launcher of the 33rd GPS satellite, the GPS IIR-6, launched november 10, 2000.



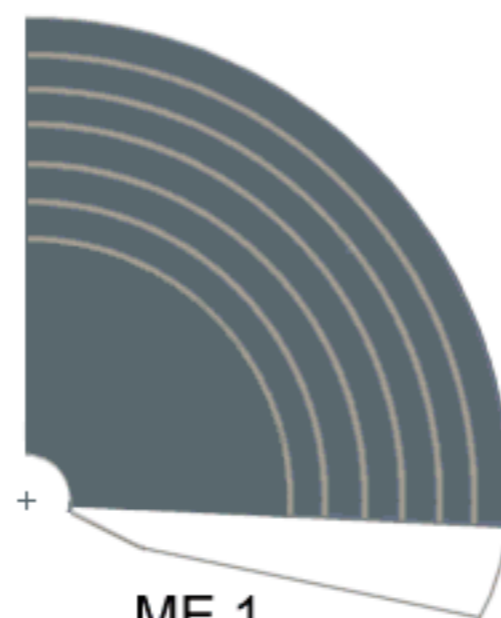
1 7 5 2 8 6 3 9 4 (1)  
Part A



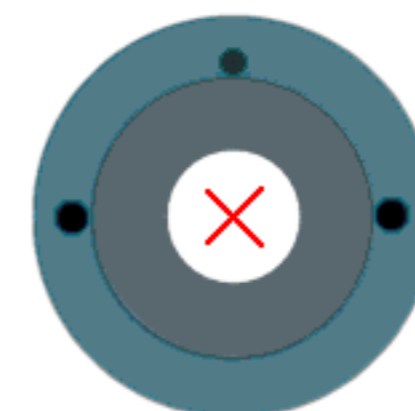
Part D



Glue these 3 parts onto thick cardstock, make edges dark grey.  
Cut out white center first, then cut out grey circle.



ME 1



Base

Glue base onto same paper it is printed on.  
Cut out white center first.

seam of cylinder on this side.

Page 1 / 10

1 cm

1 inch

printing calibration

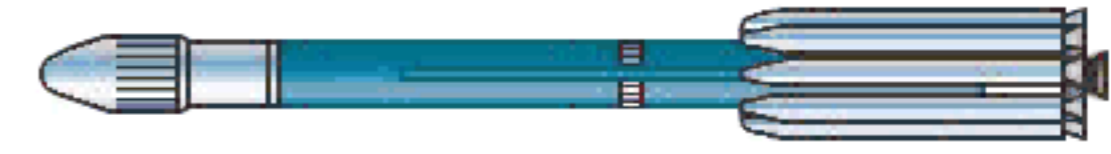
1 cm

1 inch

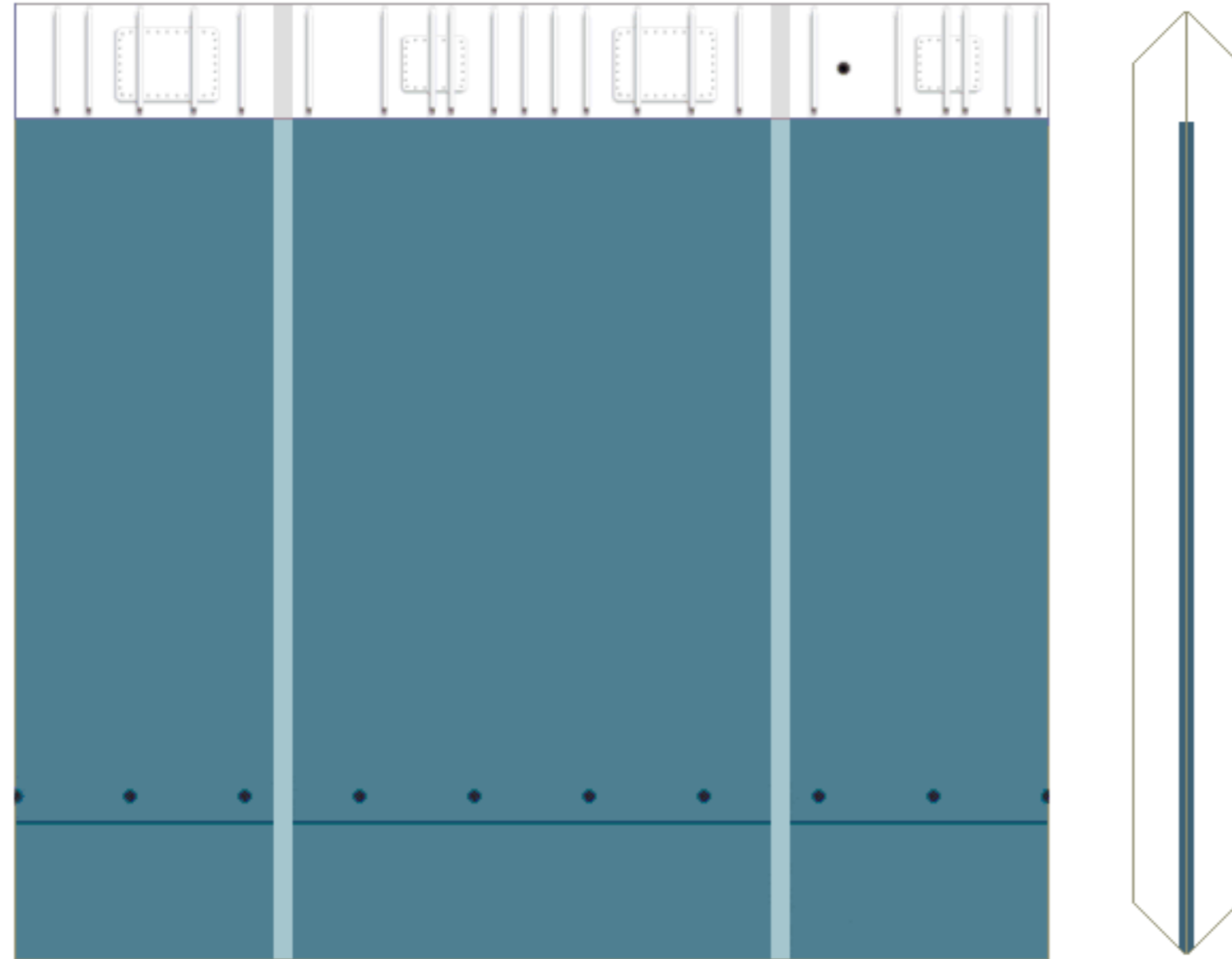
# DELTA II

Delta 7925 281

Launcher of the NAVSTAR GPS satellites



Scale 1:96



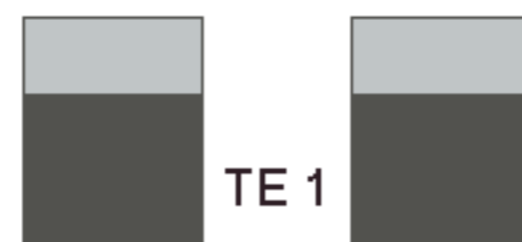
Part B



Part C

Turbine Exhausts.  
Roll up solid, grey outside.  
Insert into 3 holes in Base.

Or use matchsticks, make round,  
paint dark grey.

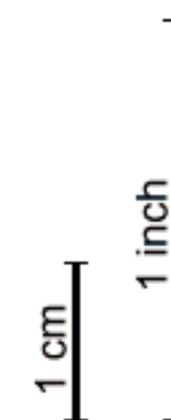
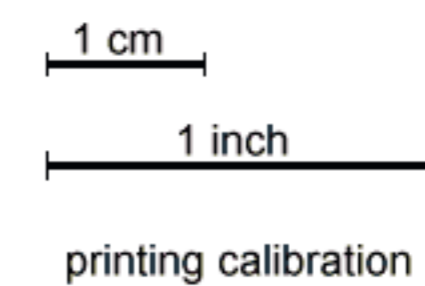


TE 1



TE 2

Page 2 / 10



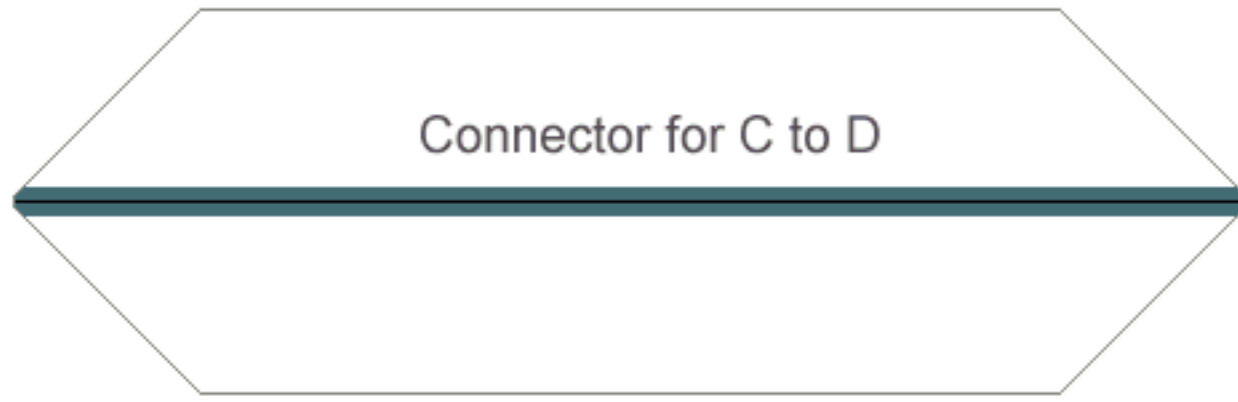
# DELTA II

Delta 7925 281

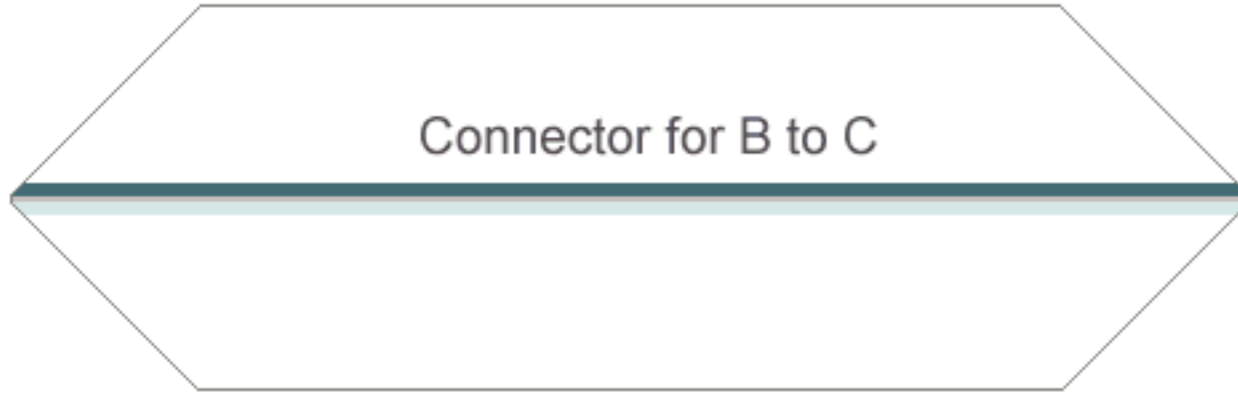
Launcher of the NAVSTAR GPS satellites



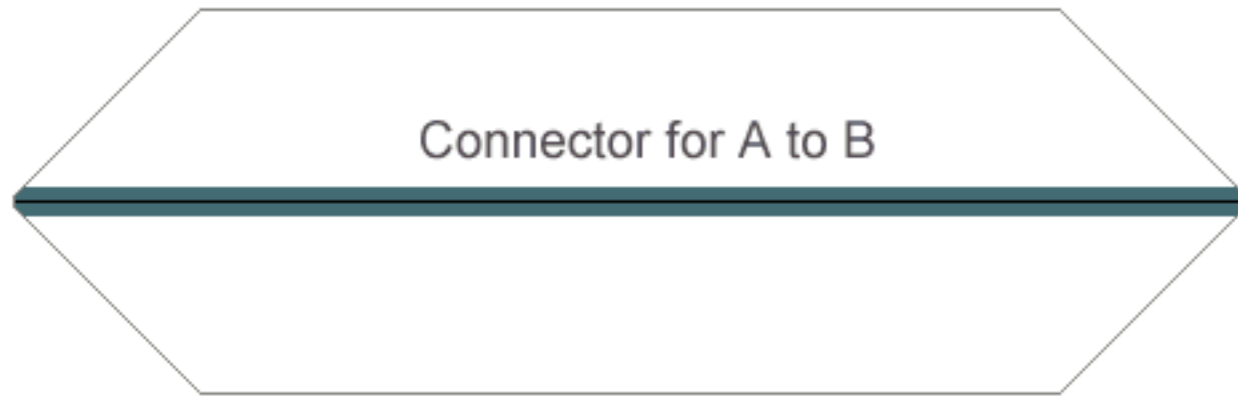
## Scale 1:96



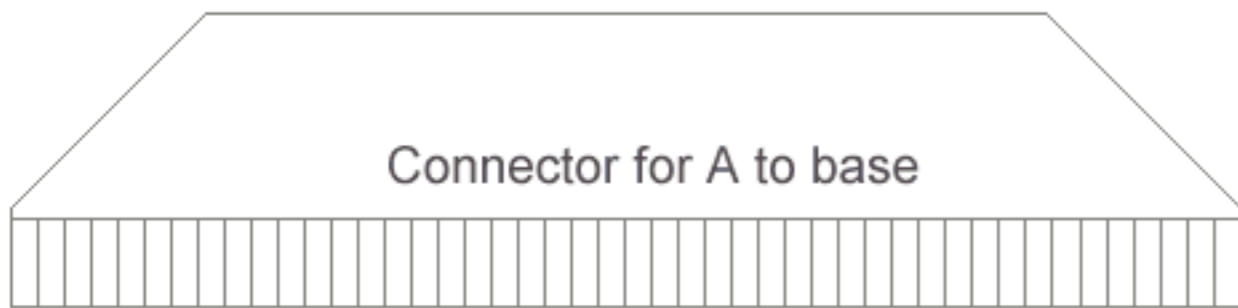
Connector for C to D



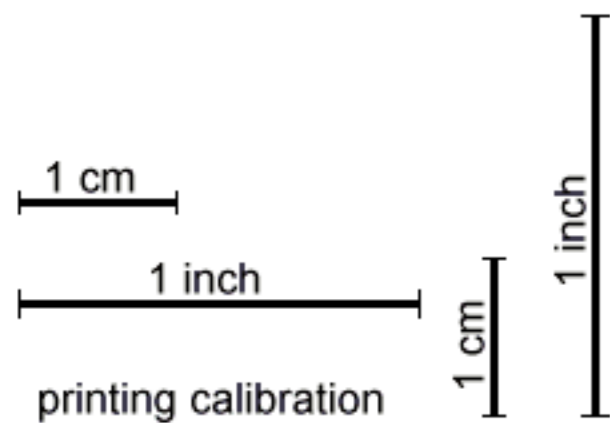
Connector for B to C



Connector for A to B



Connector for A to base



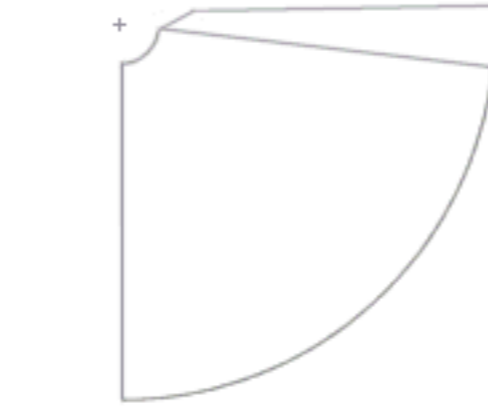
1 cm

1 inch

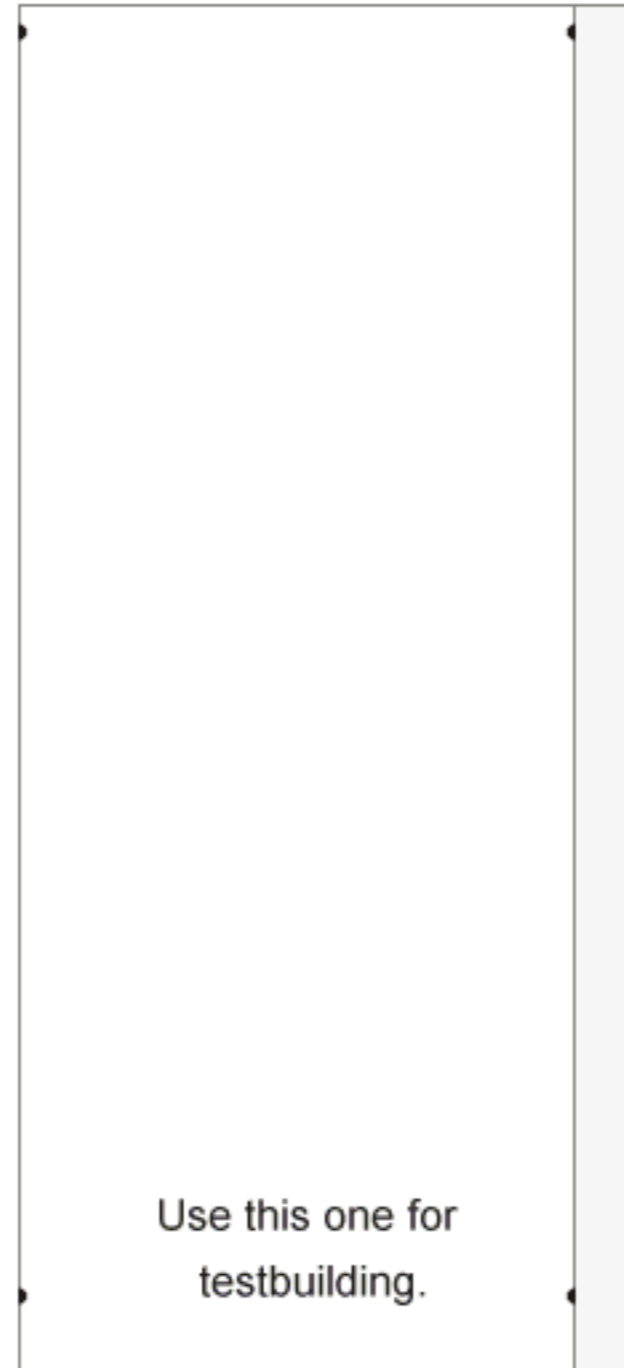
printing calibration

1 cm

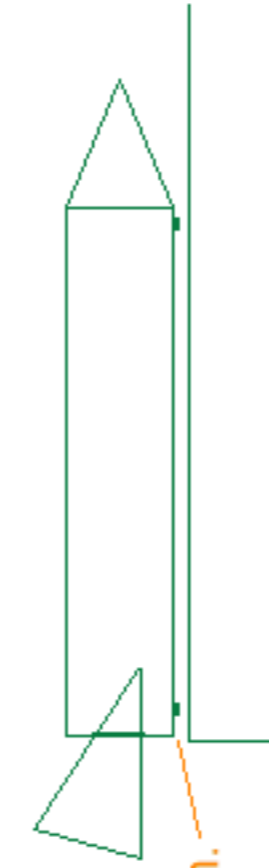
1 inch



connector for nosecone



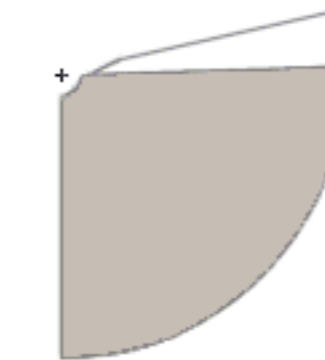
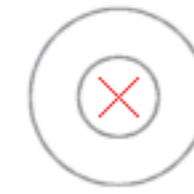
Use this one for testbuilding.



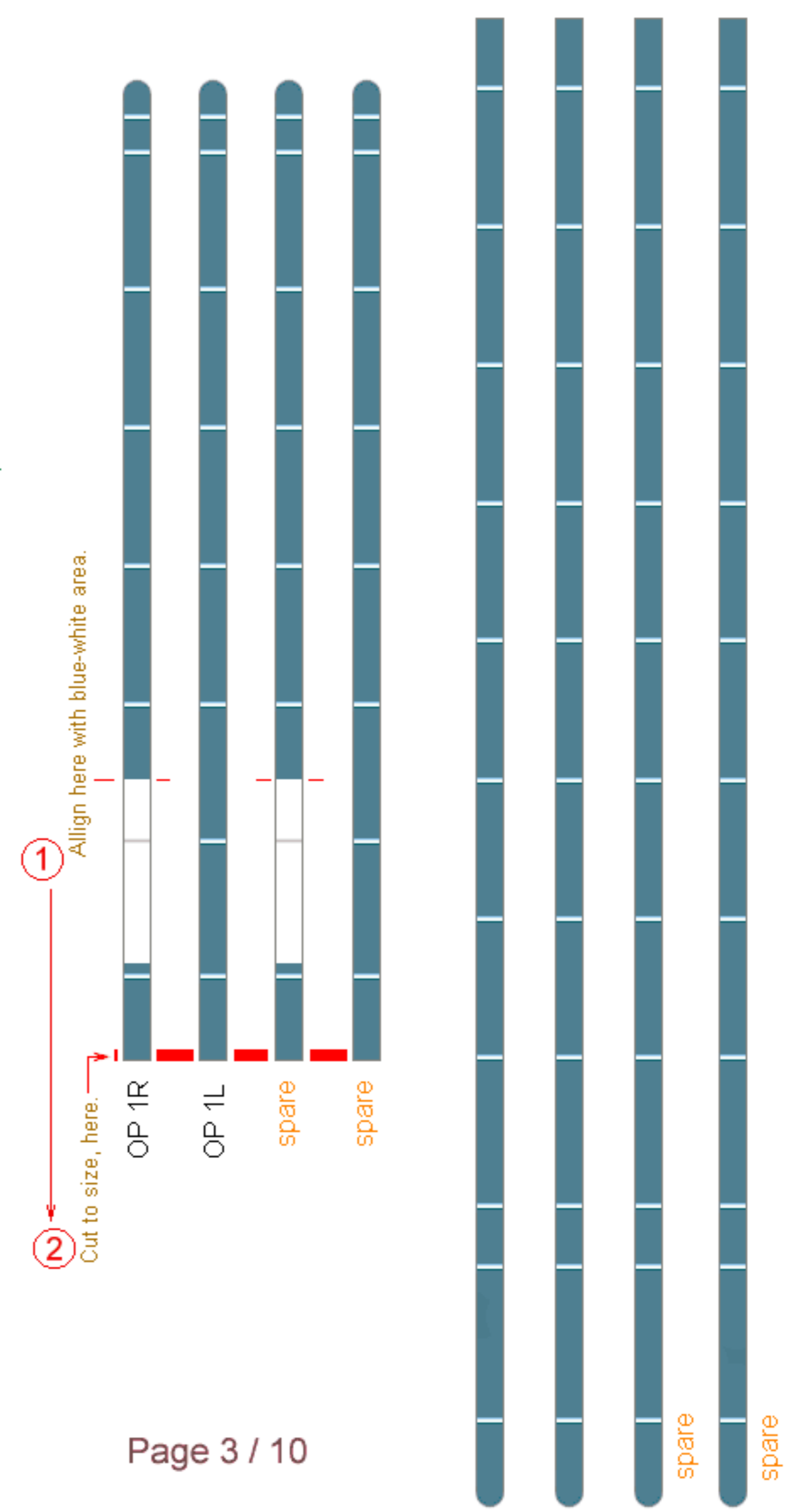
seam.



bottom view



Form into a cone.  
Ink on the inside,  
white outside.



1

Align here with blue-white area.

2

Cut to size, here.

Page 3 / 10

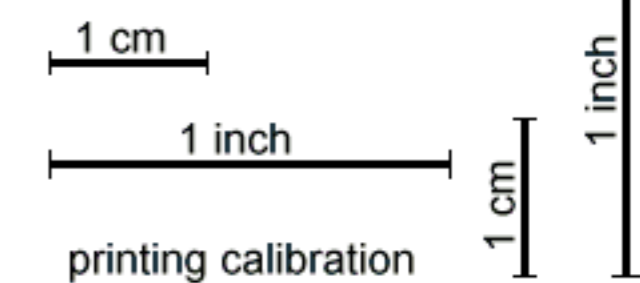
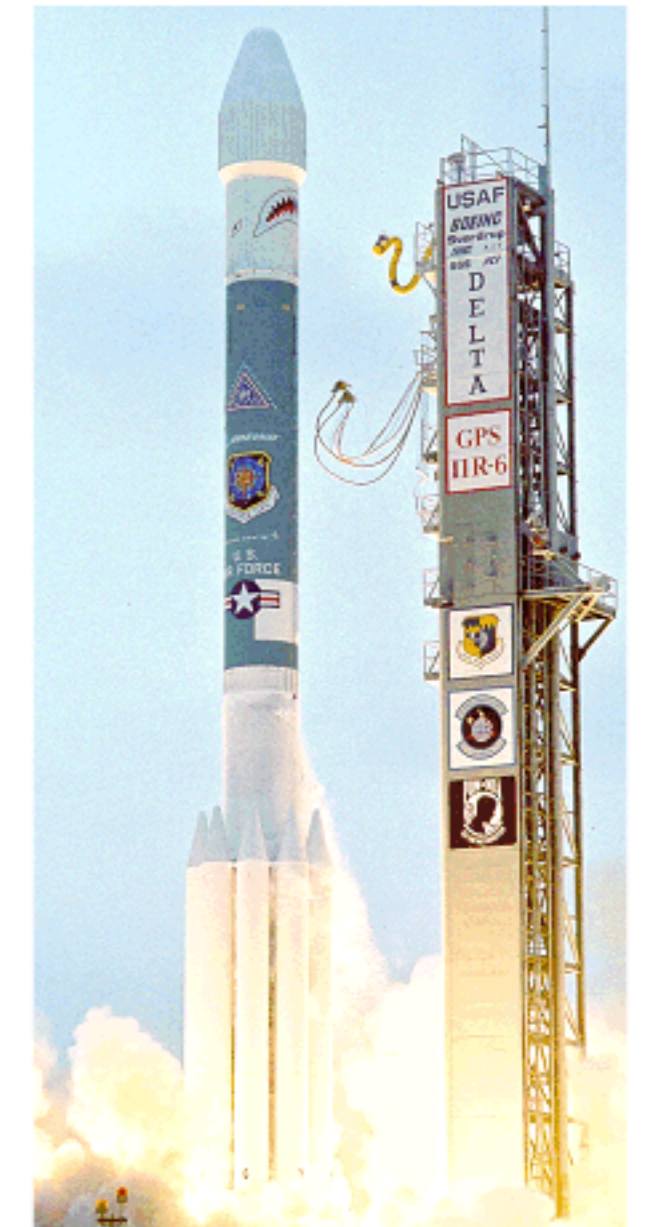
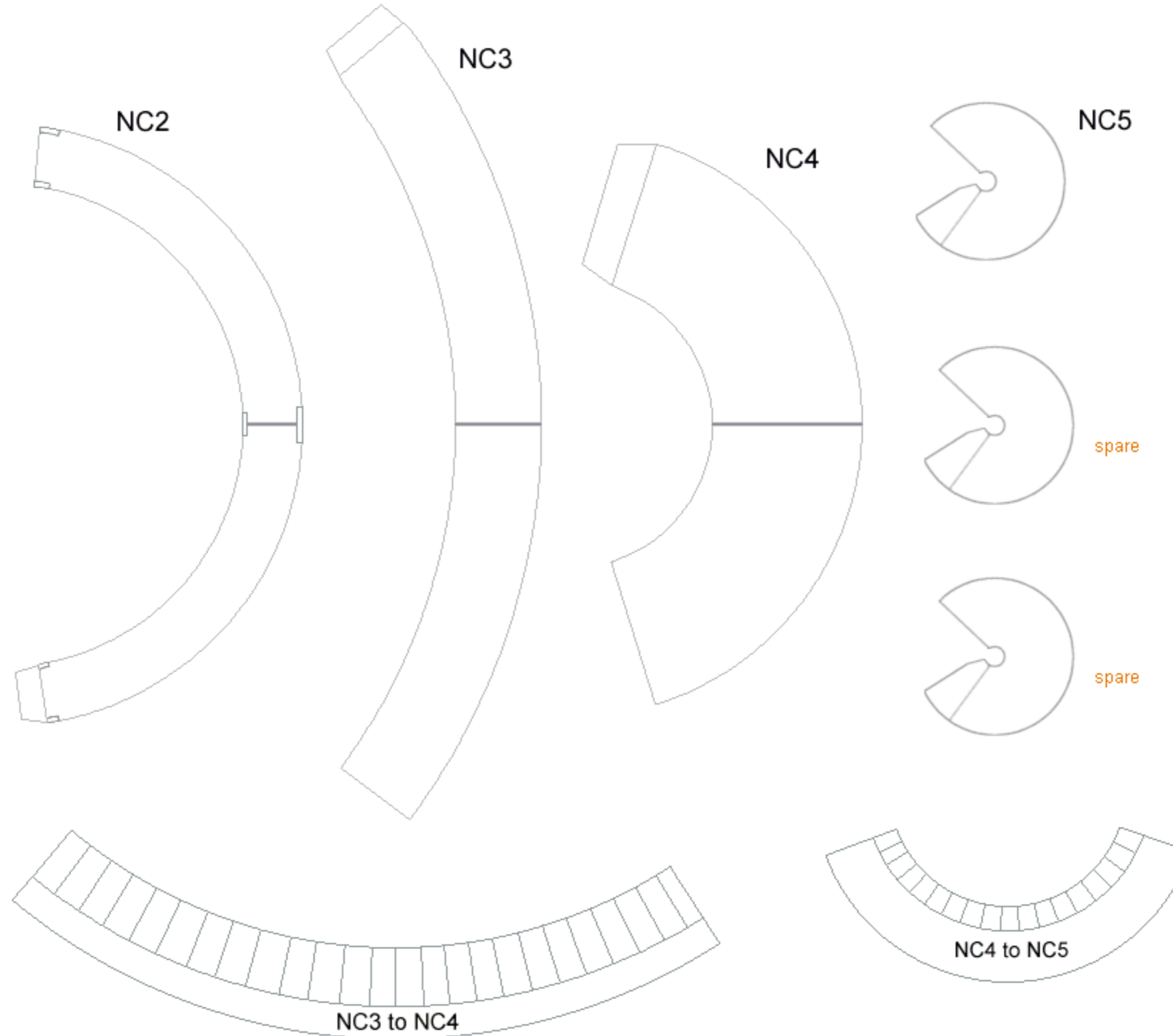
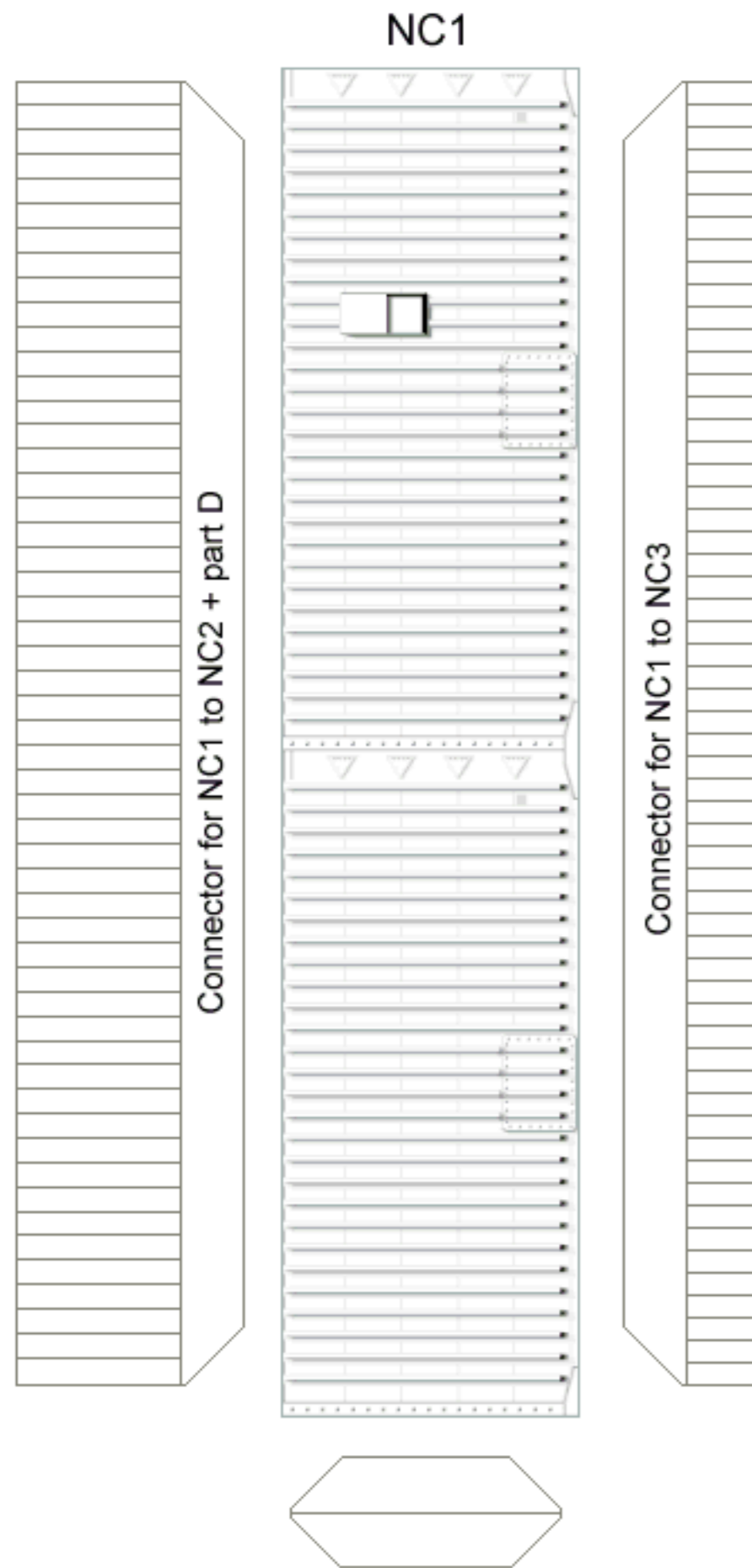
# DELTA II

Delta 7925 281

Launcher of the NAVSTAR GPS satellites



## Scale 1:96



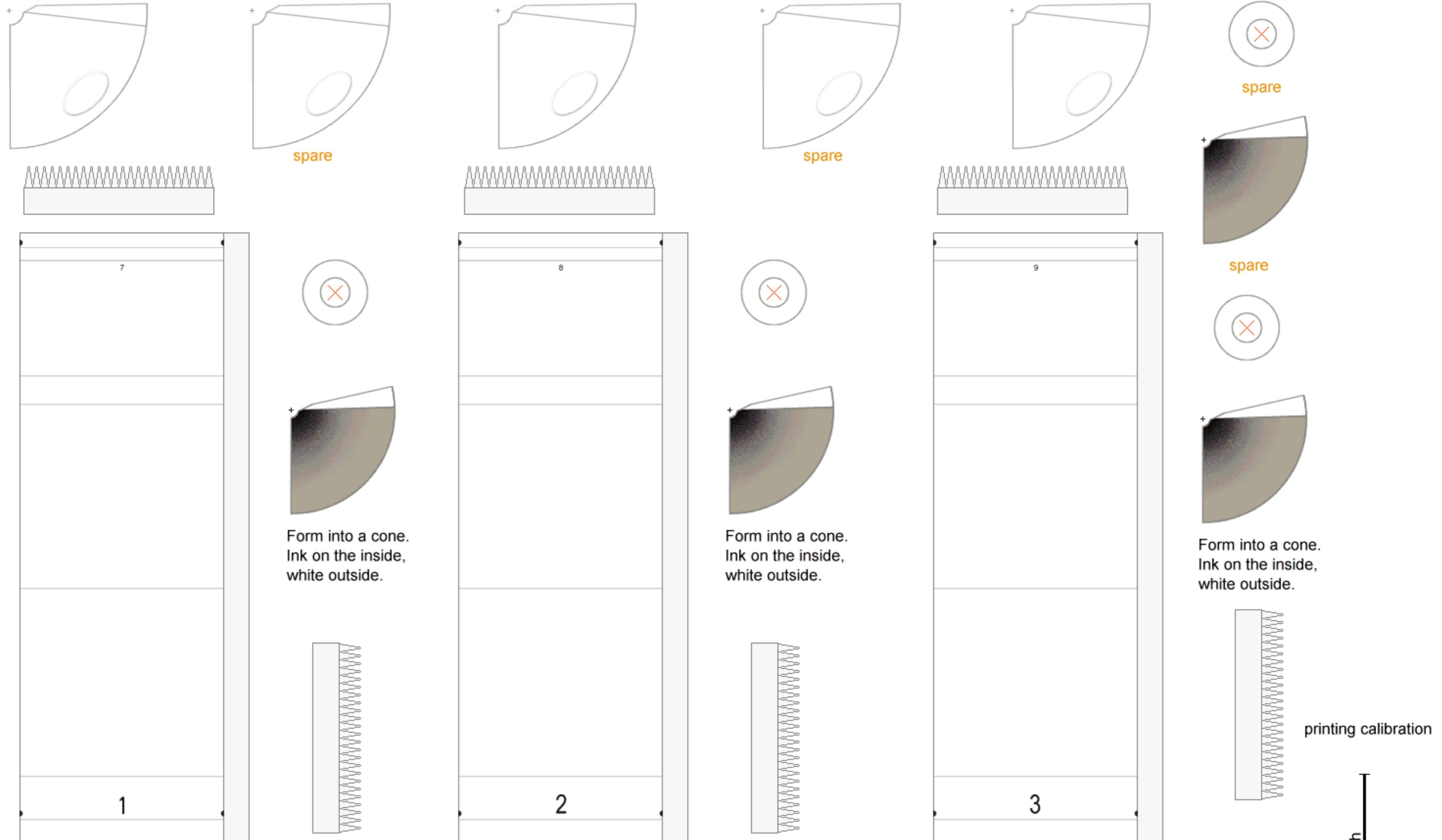
# DELTA II

Delta 7925 281

Launcher of the NAVSTAR GPS satellites



## Scale 1:96



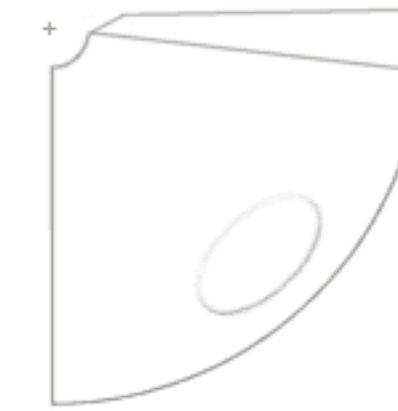
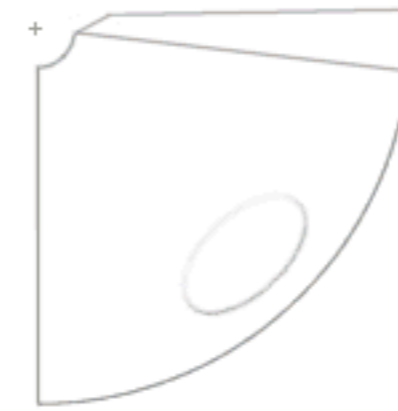
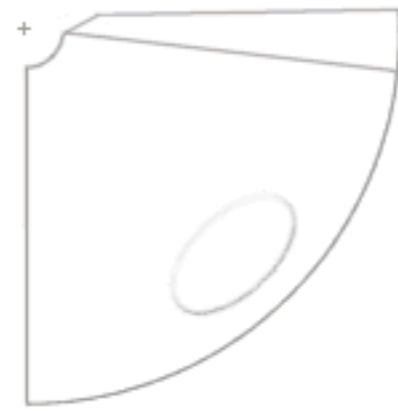
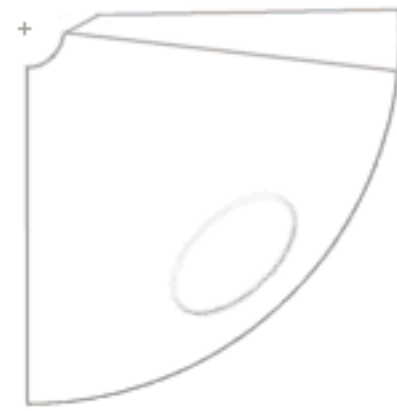
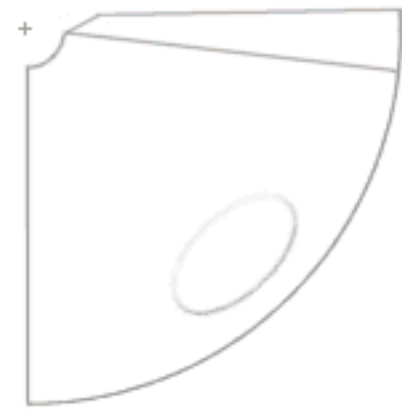
# DELTA II

Delta 7925 281

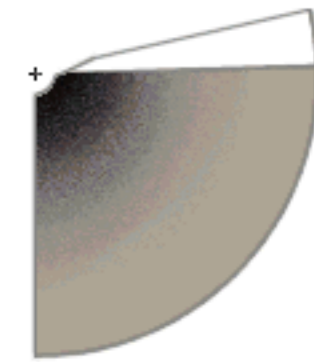
Launcher of the NAVSTAR GPS satellites



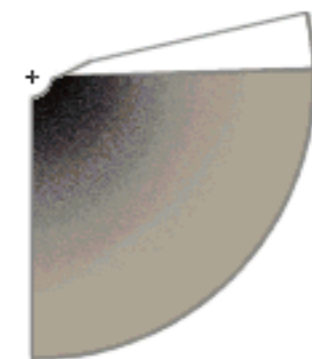
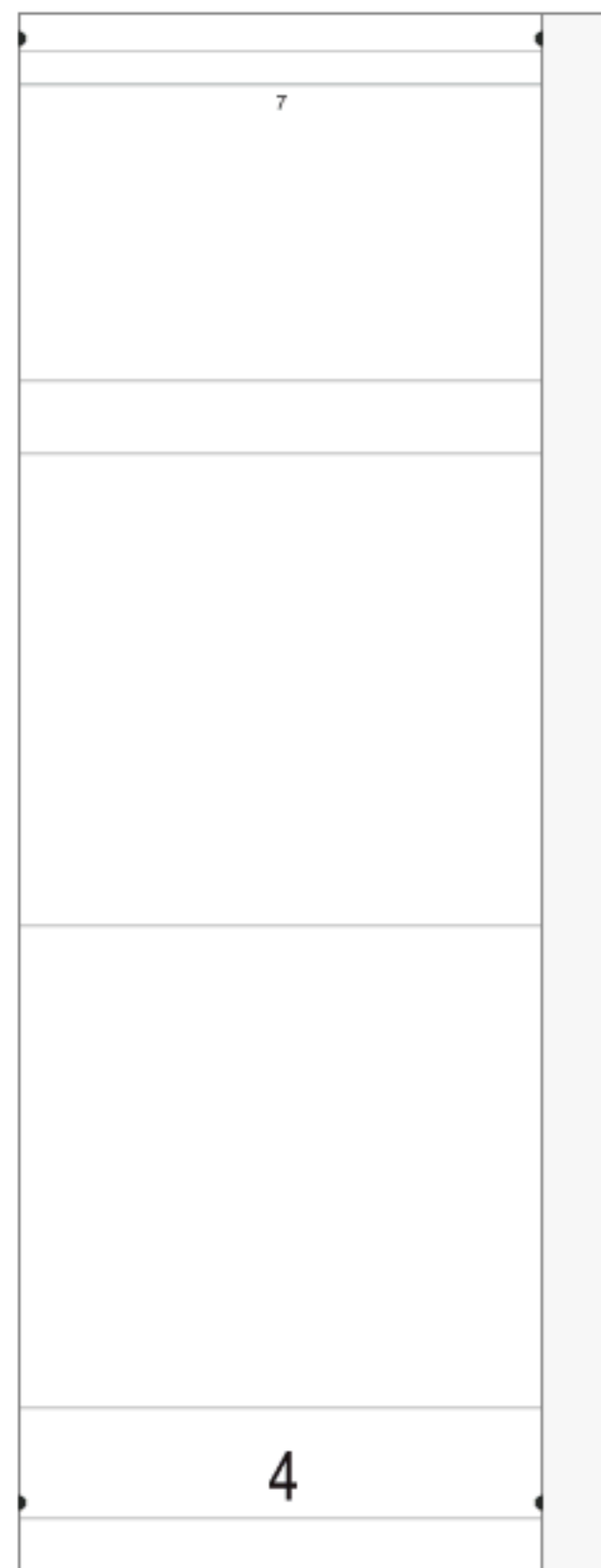
## Scale 1:96



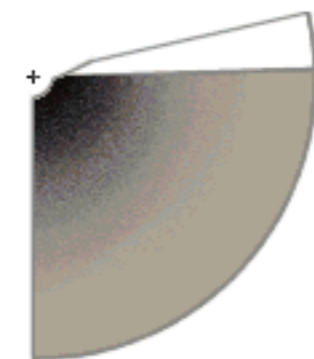
spare



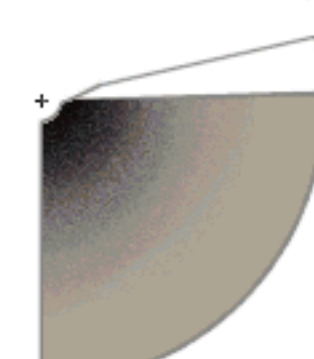
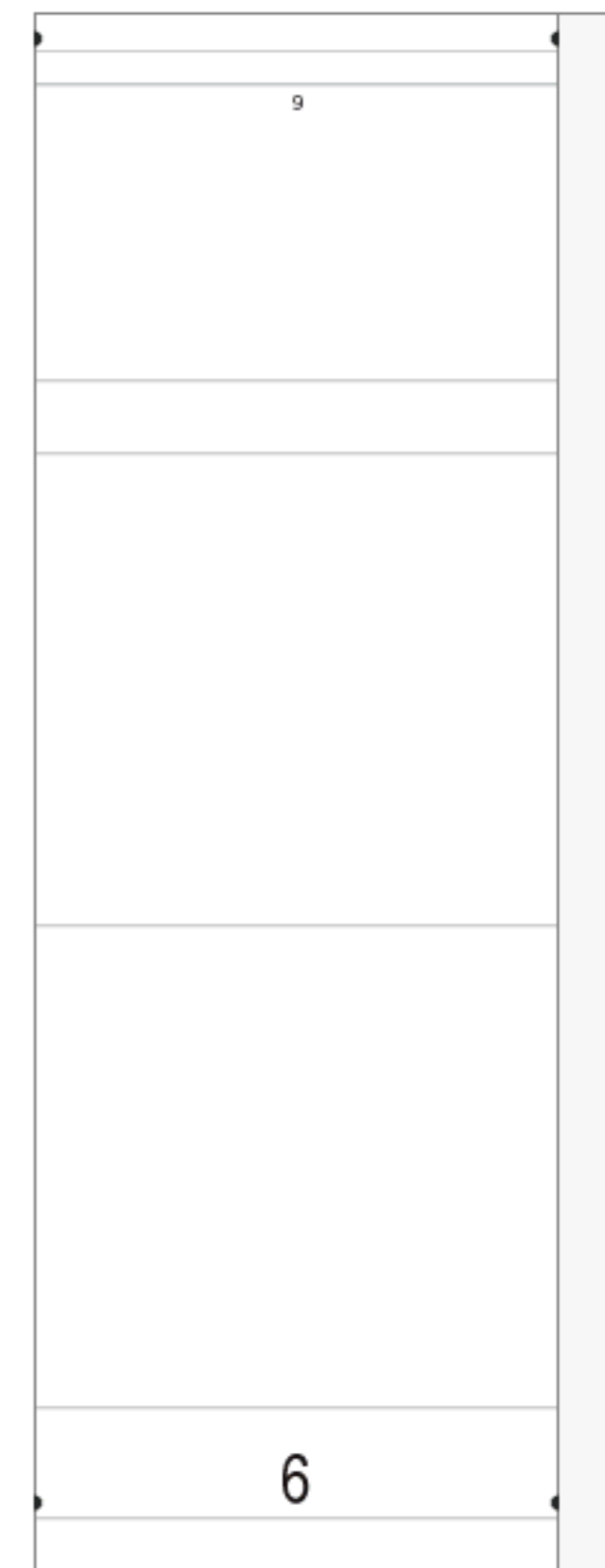
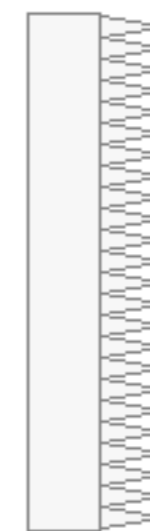
spare



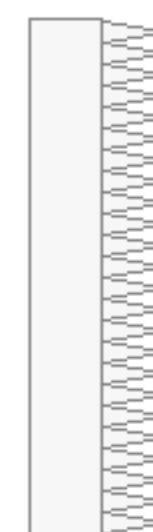
Form into a cone.  
Ink on the inside,  
white outside.



Form into a cone.  
Ink on the inside,  
white outside.



Form into a cone.  
Ink on the inside,  
white outside.



printing calibration

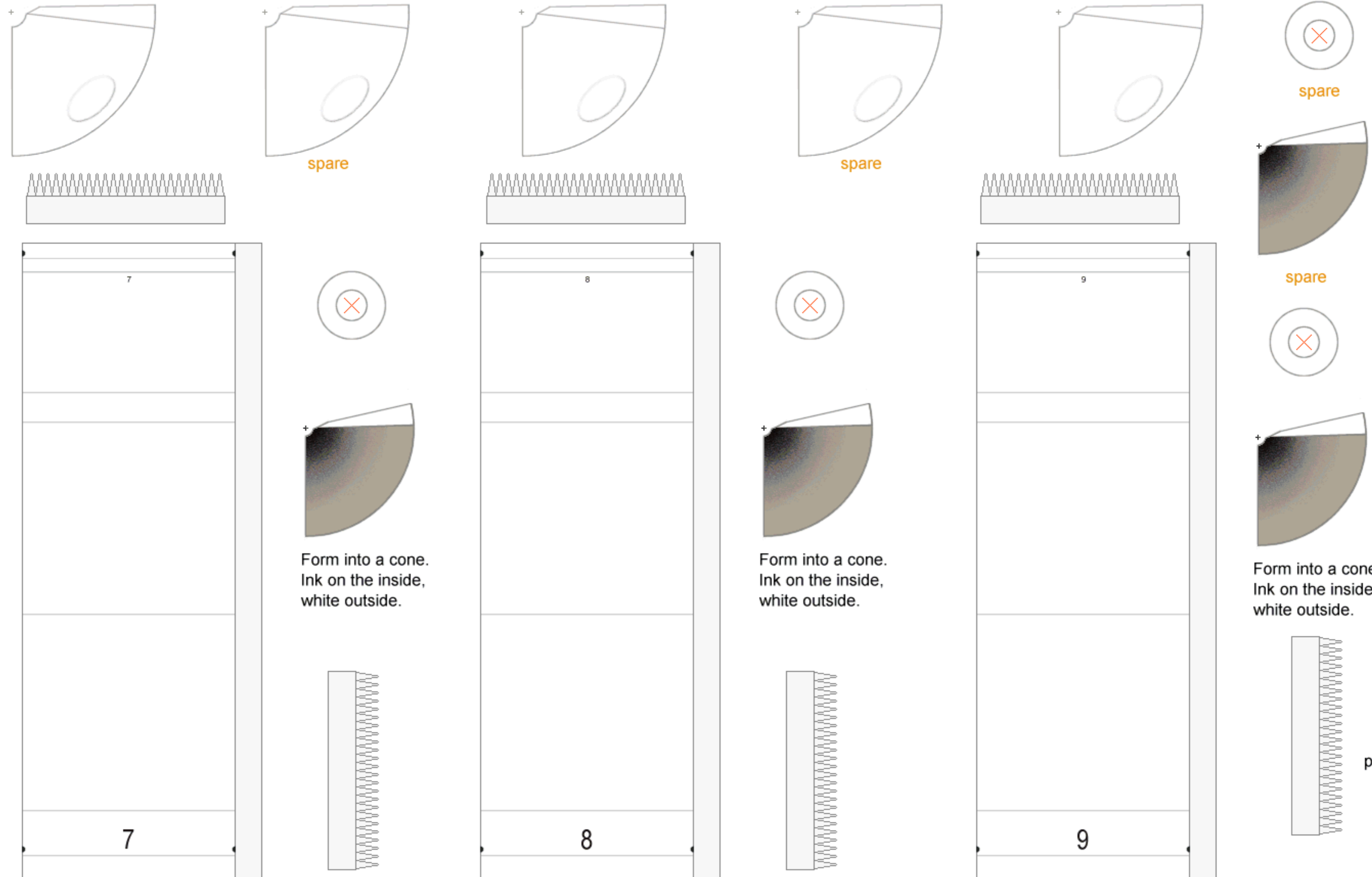
# DELTA II

Delta 7925 281

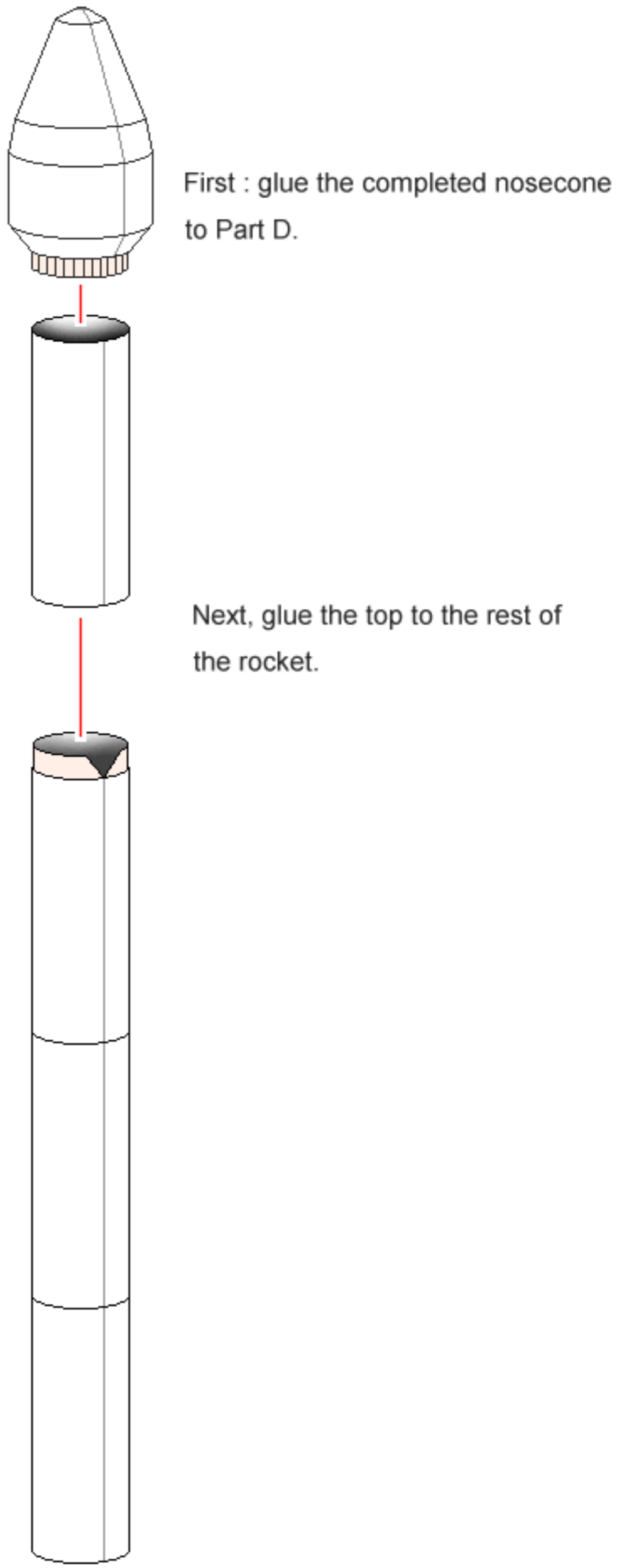
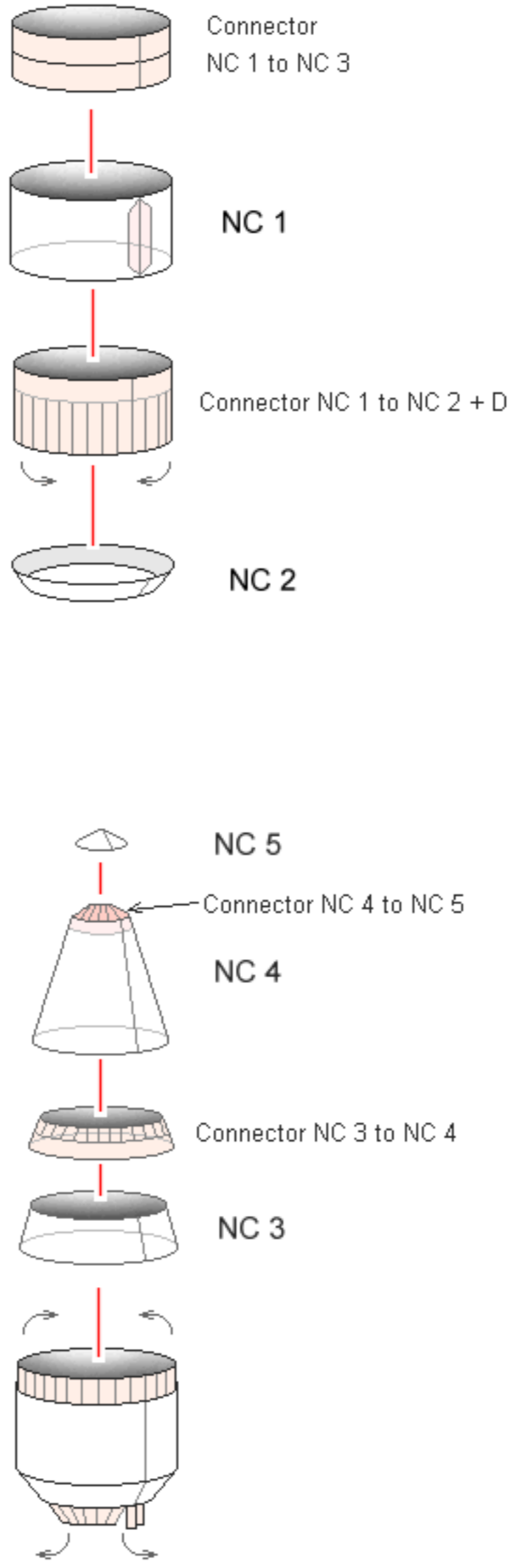
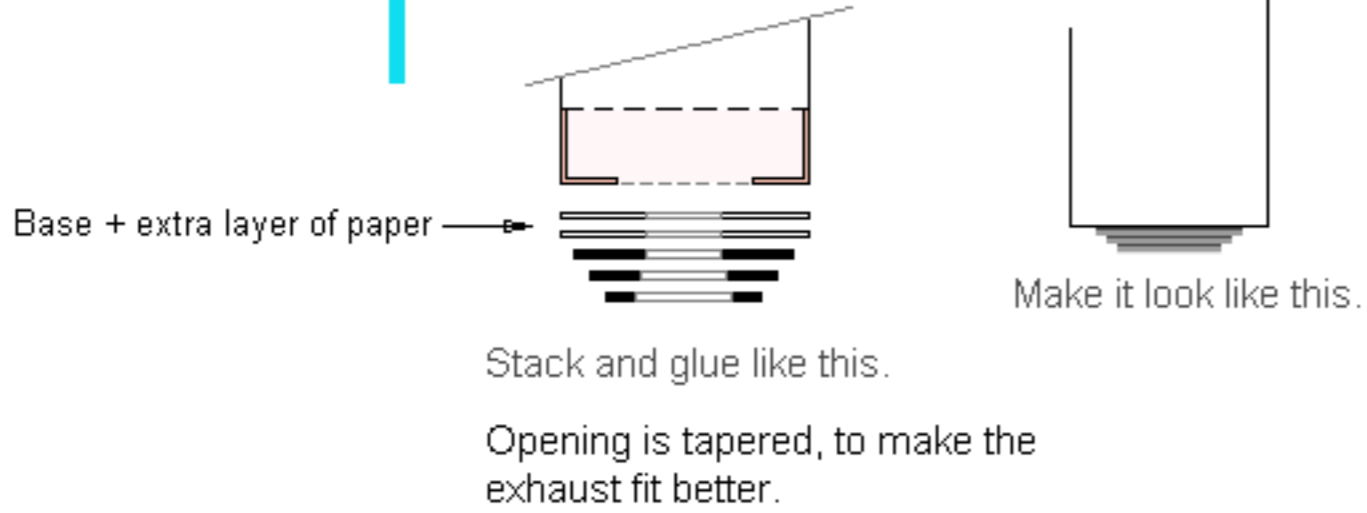
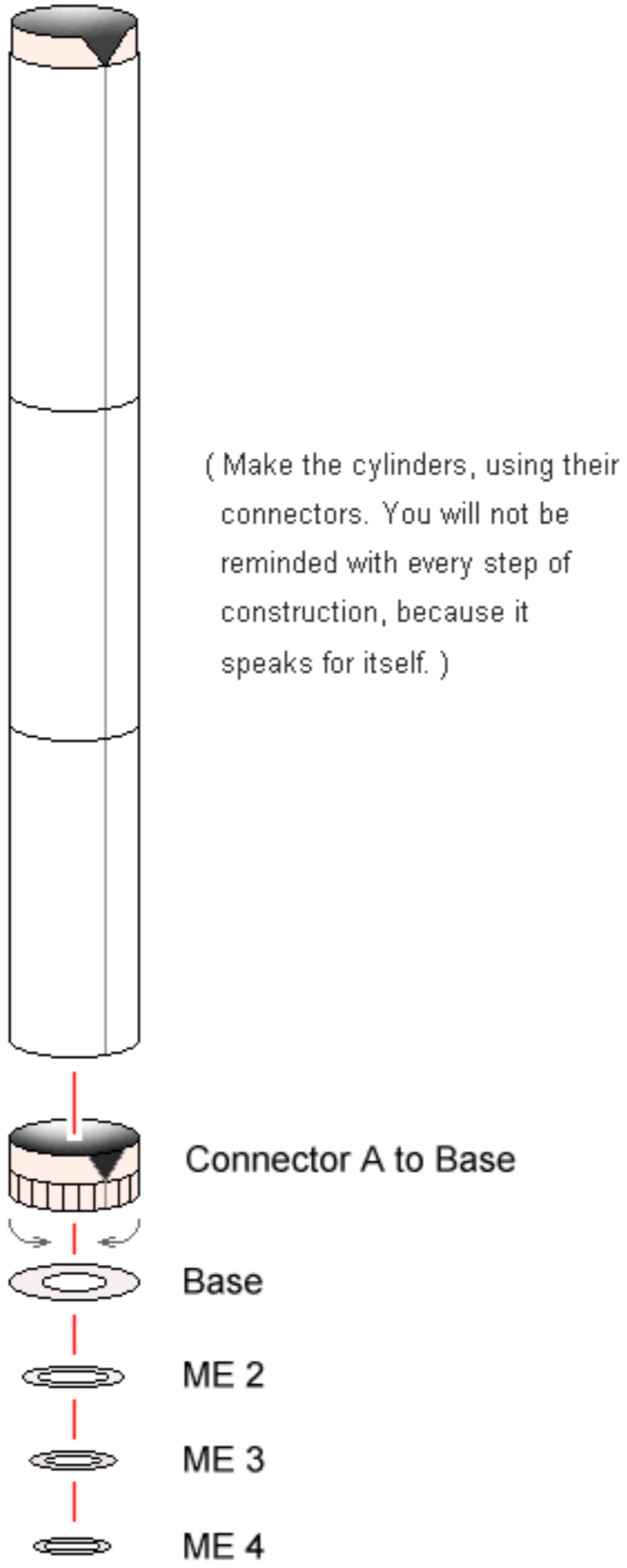
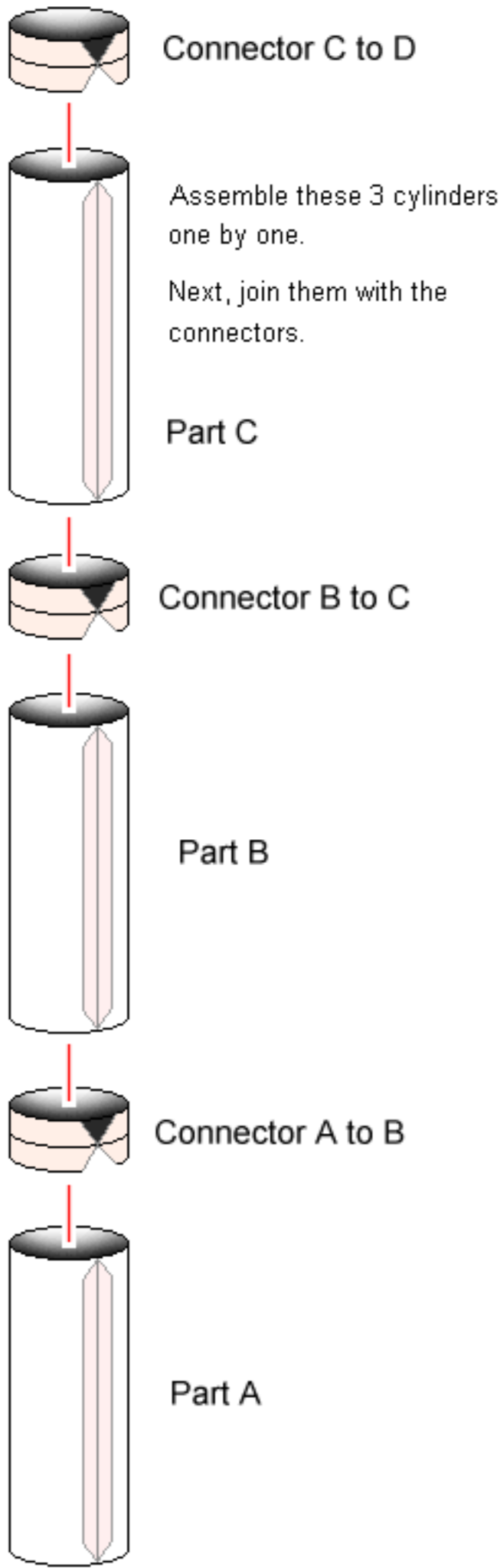
Launcher of the NAVSTAR GPS satellites



## Scale 1:96

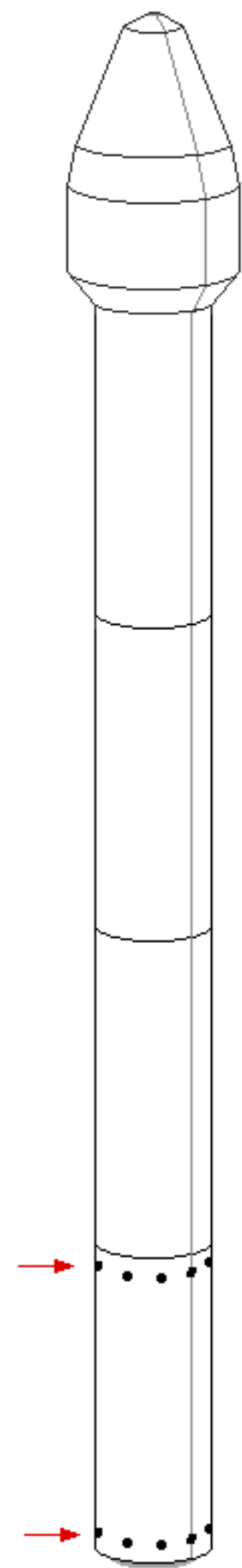


# Instructions for building the DELTA II rocket.





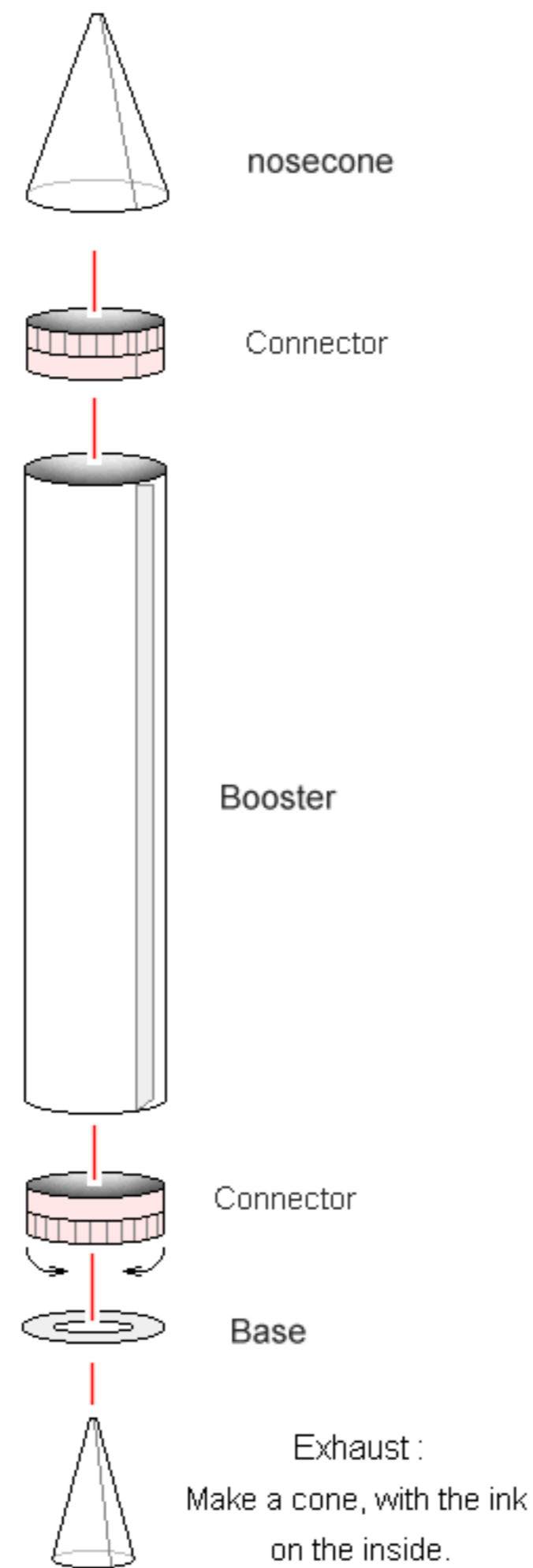
# Instructions for building the DELTA II rocket.



Once the glue has dried fully, make all 18 holes, carefully and accurately.

When making the holes in the boosters, make sure they line-up with the holes in Part A.

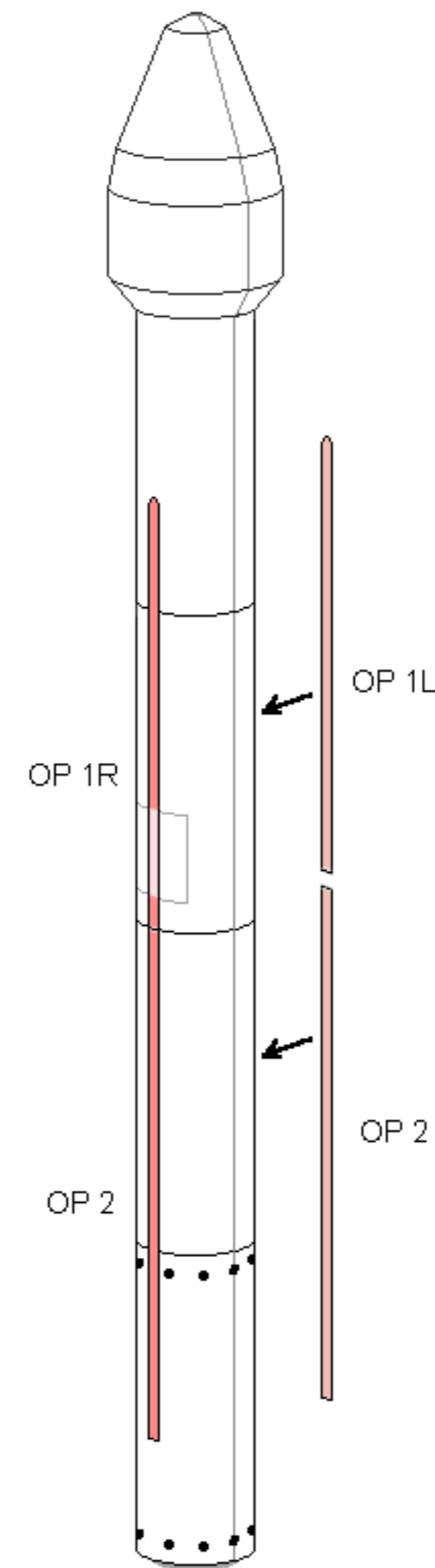
Make all 9 boosters like this :



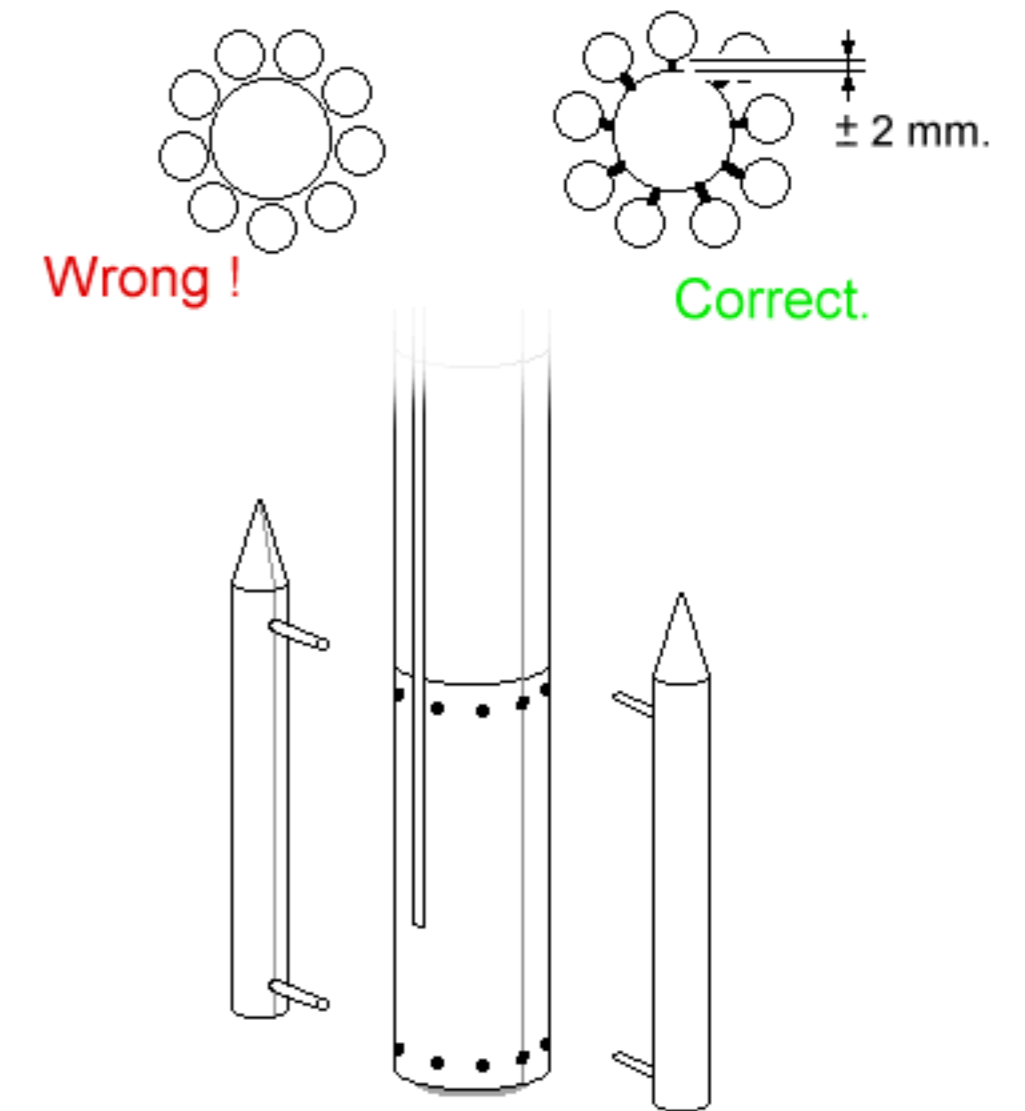
Make sure the exhaust is glued under the right angle as shown in the example on the parts sheet.

It could be easier to make the hole for the exhaust once the base has been glued, and glue has dried fully.

Use the spare booster to experiment with.



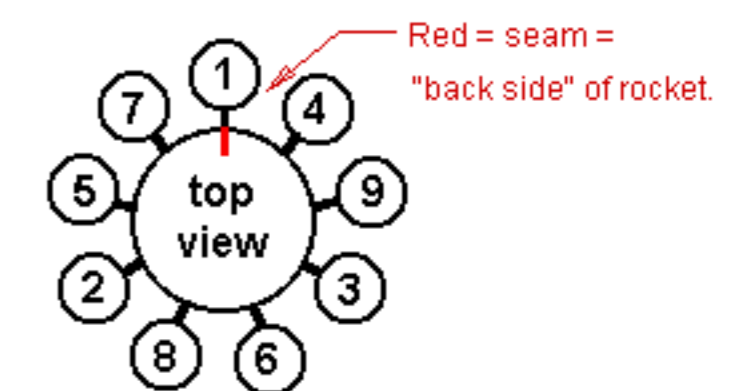
Measure, cut to size and place parts OP 1 and OP 2 before placing boosters. It will be more difficult, once the boosters are in place.



Use a strong wooden or bamboo rod to connect the boosters to the rocket.

The rod can be 1 to 2 mm thick, like a toothpick, which can be use, also. Paint rod white.

Leave a gap of about 2 millimeters between boosters and rocket.

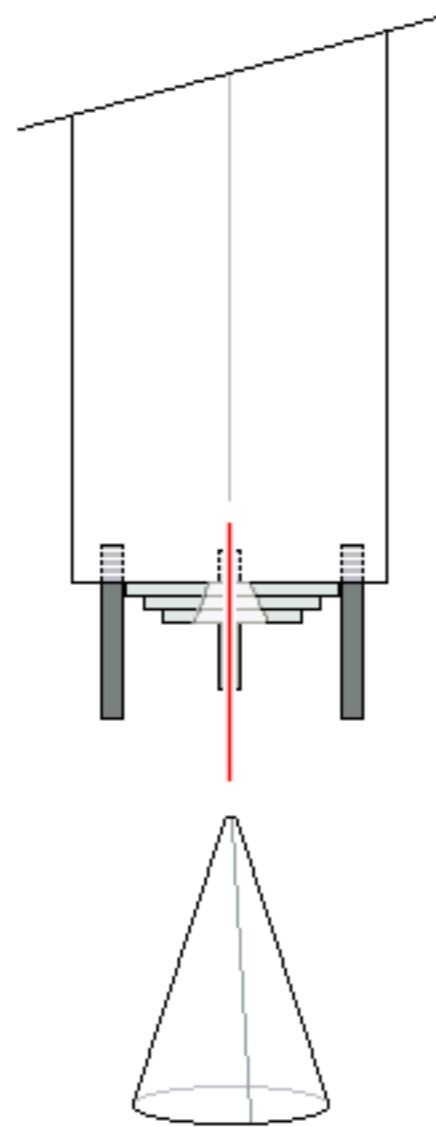
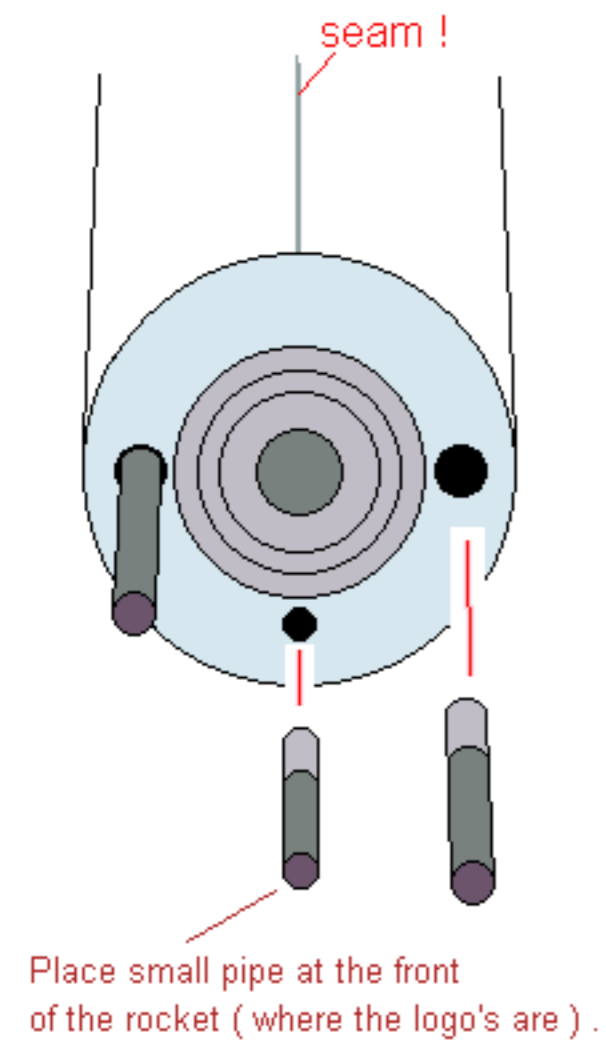


All boosters have numbers.

Make sure they all are glued in their designated place !

Numbers are shown on Part A and on boosters.

# Instructions for building the DELTA II rocket.



The last component :  
the main engine.



Your Delta II rocket  
is now finished !!

