

Assembling Instructions

Chang-Zheng (LongMarch) CZ-2 F

Scale 1 : 96

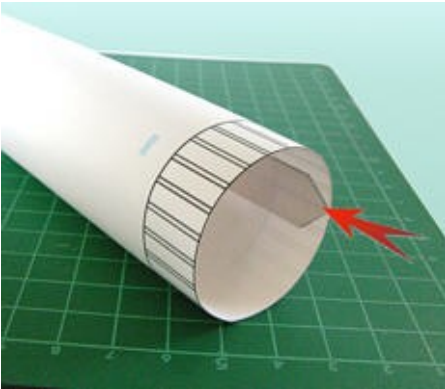
Translate from Justin Reinert

Step 1



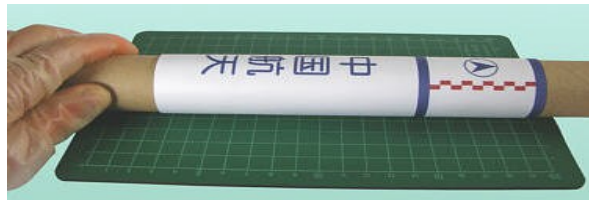
Cut out part A 1 and bend it round using a table corner or other hard edge.

Step 2

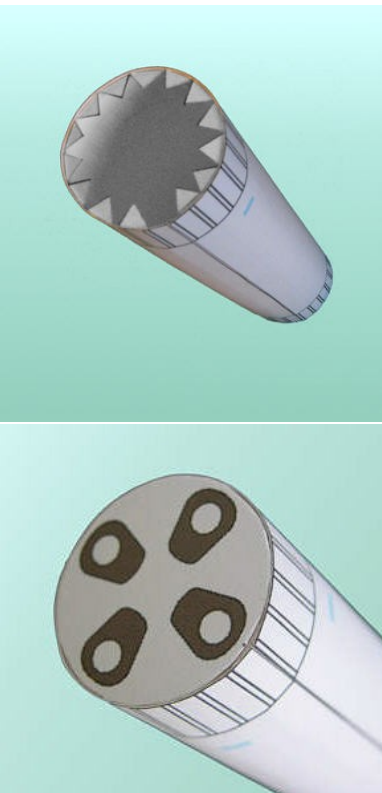


Glue both sides together, to form a cylinder.

Tip: Press the glued area together with a doll rod or kitchen paper roll.

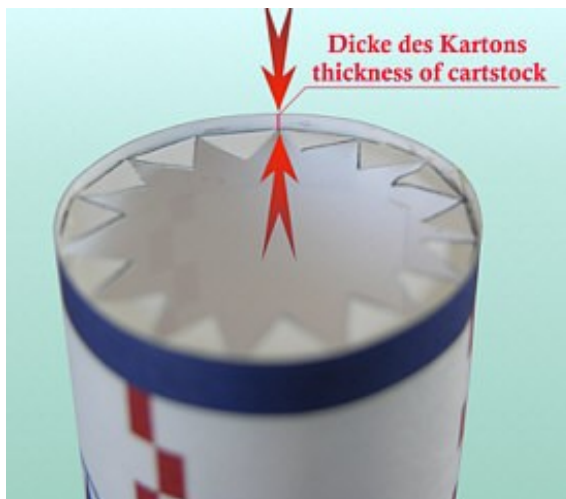


Step 3

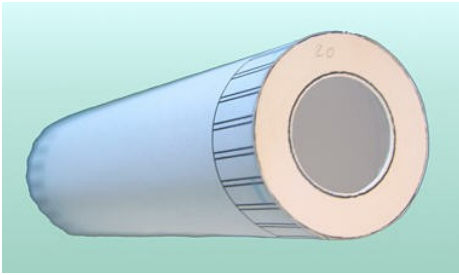


Glue the stripe with cerated edges on the bottom side (blue markings above of the pattern) of the cylinder of part A 1.

The stripe should be glued, so that the part D 18 can be glued, even with the bottom of the cylinder. Approxamently the same thickness as the cylinder walls.



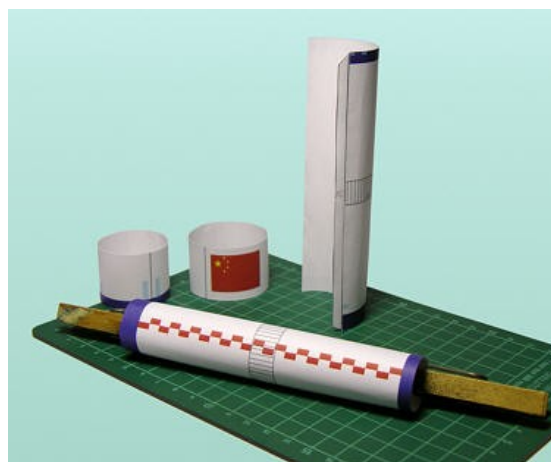
Step 4



Glue part D 20 which is stabilized with a 1 mm cardboard piece, to the upper side (blue markings in the pattern) of part A 1.

Step 5

Parts C 2,3, A 7,D 20 and C 5,E 5b,D 21 should be assembled the same as in steps 1 through 4. Parts E 4,6,10 and 11 should be glued together so that they form a cone.

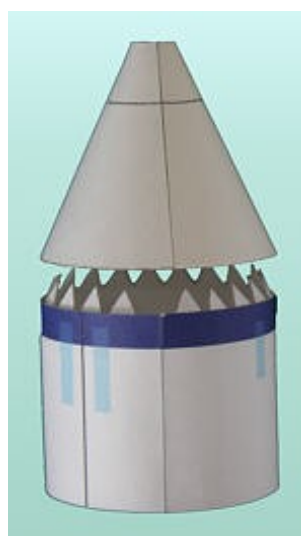


Step 6

Glue the assembled groups from parts 1-3 together to form the rocket body. Be careful that the markings are correctly aligned in one line.



With parts 4-7 and the cone 10 you will build the payload bay.



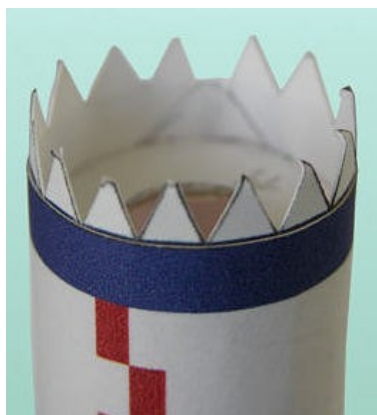
Step 7

Beachte die Markierung
Note the Marking



To begin the construction of the rocket booster, glue part B 8 in the same way as the rocket body step 1-3. Please don't forget to reinforce part D 17 with a piece of 1 mm thick cardboard. While glueing the bottom together . Look that the markings are properly aligned.

Step 8



Stabilize the upper part of the rocket booster, by glueing part D 19 so that you can glue the nose cone to the booster. Glue the stripe with the serated edges so that part B 8 can be glued to the edge even with the top side of the cylinder.

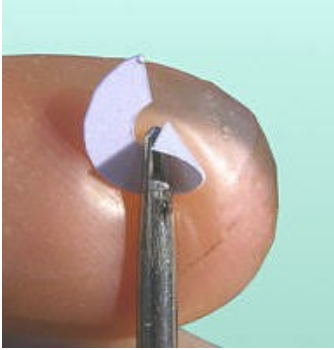
Step 9



Glue the nose cone part E 11 to the serated edges of the cylinder part B 8. With the part E 12 you will also make a cone, so that the opening at the top of part E 11 can be closed.

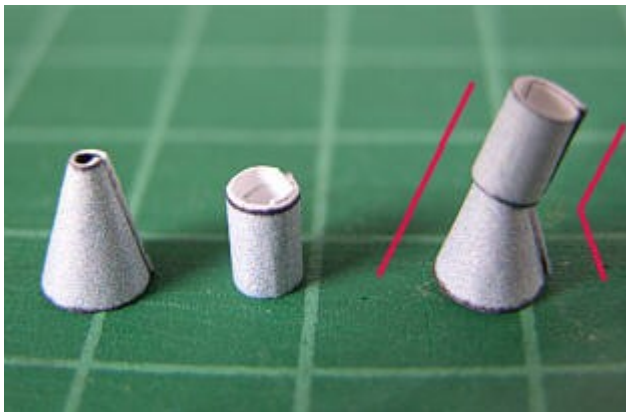
A big drop of glue and a small paper circle APPROX: 2 mm diameter.

Tipp:



So that you can make a perfect cone or nozzle bend the paper stripe using a toothpick or a needle.

Step 10

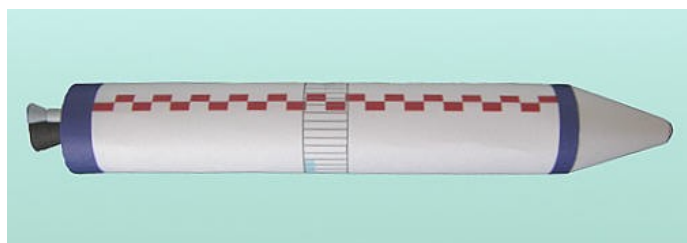
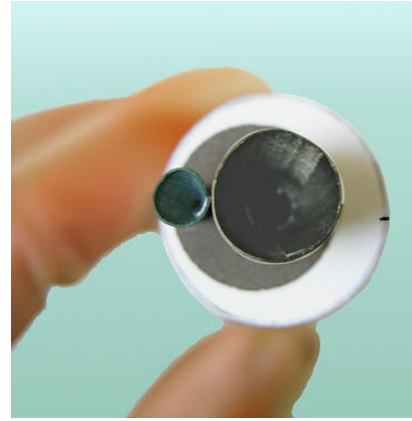


They manufacture the turbopump exhaust nozzle for this from the parts B 15 and B 16, so a straight is formed on this side. Later, this side always must be judged to the center of the rocket.

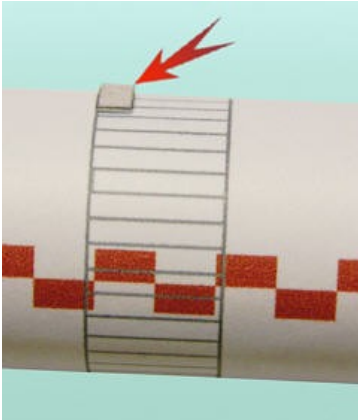
Step 11

From part D 22 you will construct the main motor. This part should be glued on the white marking.

ALTERNATIVE: You can also cut the white marking out so that the part can be glued inside. The exhauster nozzle (B 15/16) is stuck bluntly on the ground part.

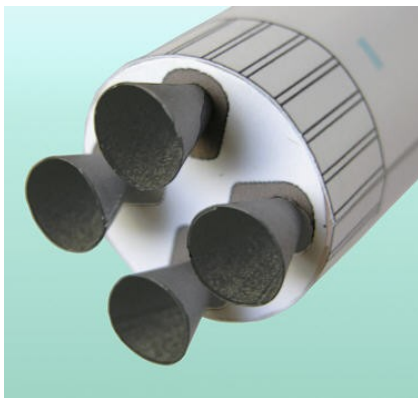


Step 12



Glue 3 pieces of part B 32 together, after their dry you can bend them so that they fit around the booster. Glue the dry parts B 32 on the blue areas on the side of the booster. Now the booster is finished.

Step 13



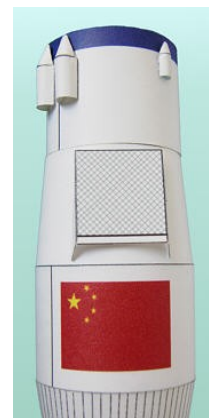
Now glue the part D 22 main engine and exhaust nozzle B 15/16 like part D 17 on the rocket.

Step 14

Bend the part E 13 like the smaller part E 14 and glue them on the blue markings of the payload bay.

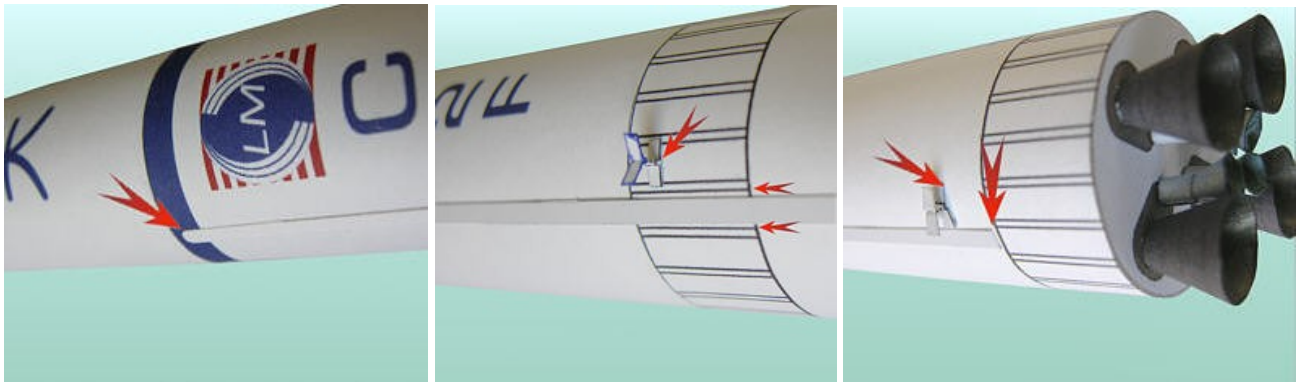
Vernier nozzle part D 24 should be glued inside the part E 13.

Parts B 9 for aero dynamic brakes on the top cone of the payload bay.

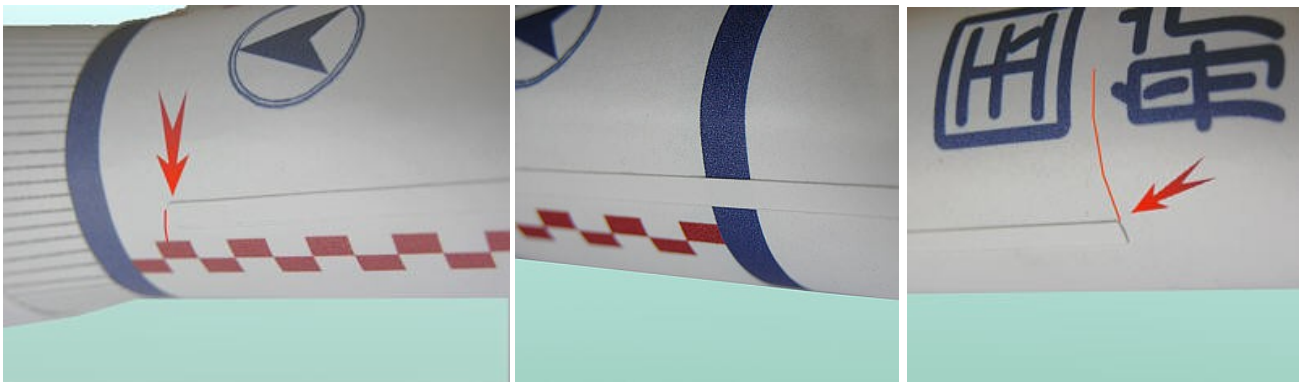


Step 15

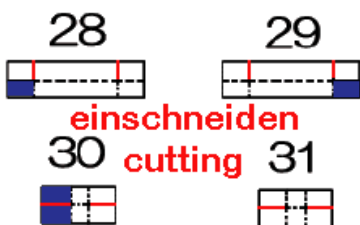
Fasten the fuel lines E 26 shown in the foto.



Just as also the fuel line E 27.

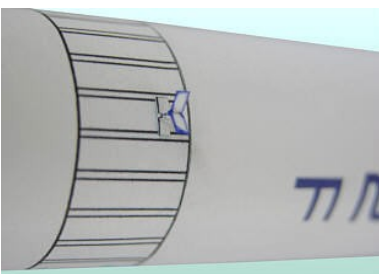


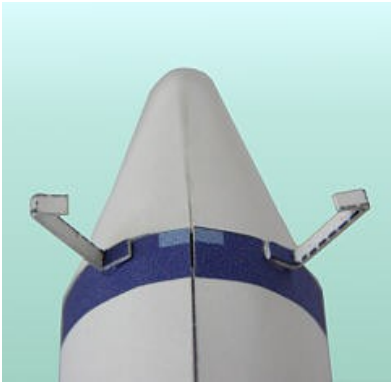
Step 16



Cut out the parts D 28-31 scratch on the broken lines with a needle. And then cut the red lines with a knife or a pair of scissors. Glue part D 28/29 together after bending them backwards. After drying bend the outsides in the direction of the marked side. Part D 30/31 should now be glued on the middle fields of the parts. Shown in the picture. Then bend the outside edges away from each other.

The 4 parts D 31 should be glued to the bottom side of part A 1 on the markings, and part D 30 on the upper side of the blue markings.

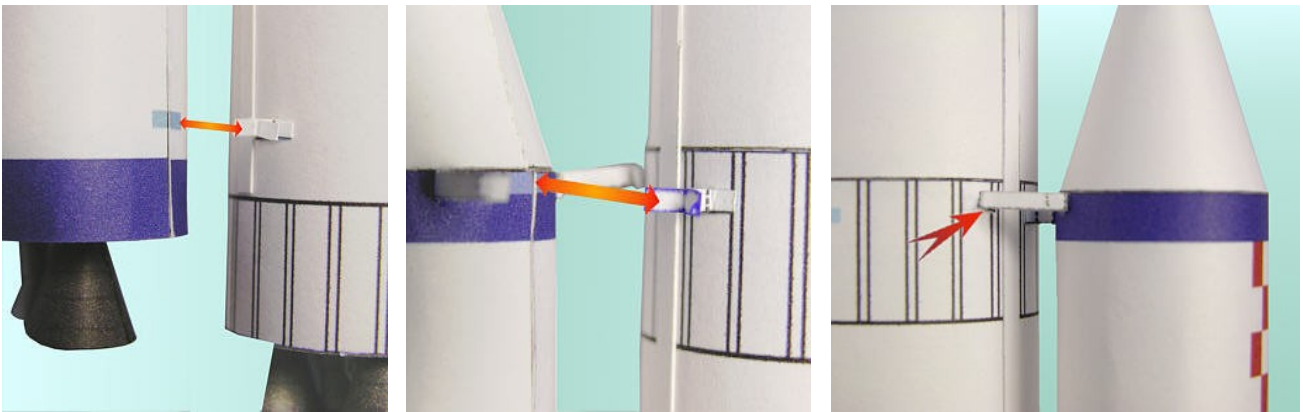




The blue ends from D 28/29 are attached above at the Booster on the outer markings. D 28 is right, D 29 is left.

Step 17

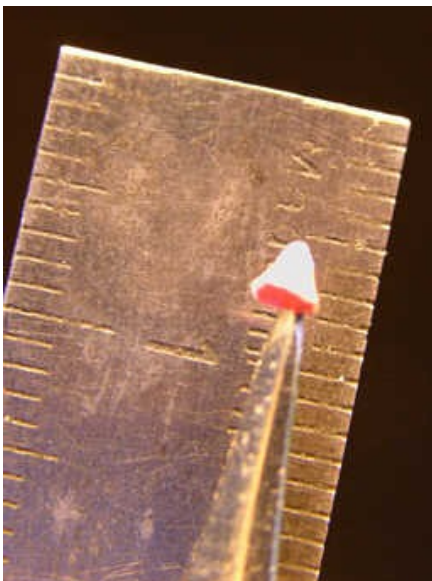
Now attach the 4 boosters with the part D 28 – D 31 to the rocket. Caution place exactly on the blue markings.



Step 18

Now you'll form the rescue rocket. Part D 25 roll the part tightly together so that you'll have no problem inserting it in the cone E 10. The exhaust nozzle part D 23 are very small and are complicated to form.

TIPP: The same as in step 9 use a toothpick or needle to roll the cone.



Overview

