

Assembly instructions

Cut out all necessary pieces exactly along the black dotted line. Dotted lines on the pieces are in several different styles: _____ (folding to the back), -.-.-.-.- (folding to the front), -.-.-.-.- (axis, no fold). In order to ensure precise and easy folding first crease along the folding line in order to do that using a dull knife and a ruler make a slight incision along the dotted line. We recommend using acetone-based glue to put the pieces together.

The pieces, as shown on the diagram, fit wherever there is a white stripe, field or rectangle with fine dotted borders.

The next page shows a longitudinal cross section of all rocket stages.

Stage III

Start from the top. Roll piece 2 tightly by hand as shown. Apply glue on the inside and press together in a cylinder. Using the same method fix piece 1 onto piece 2, making sure you give a proper conical shape to the rocket's tip. Then cut out, fold, and glue together one after the other pieces 3, 4, 5, 6, 7, 8, 9, 10, and 11, and the body of the third rocket stage is complete. Before gluing the pieces together we recommend pressing them around a round object so that they assume the required cylindrical or conical shape. When putting together individual pieces make sure that lengthwise joints are properly aligned. The only exception is between piece 10 and piece 11, where an arrow points in the direction of rotation.

There are additional pieces to the ones making up the rocket body so as to ensure a smooth surface where ends meet (e.g. 6a for piece 6).

Membranes 7c, 8c, 9d, and 10c add stiffness to the model. To ensure a more comfortable grip, using a sharp knife cut along two sides of the triangles in the center and fold along the third side. Apply glue along the circumference of the membranes and fix as shown.

Piece 14 completes the third stage. Pieces 15 and 15a attach as shown onto it. Do not forget the jet thrust nozzle (piece 16).

Pieces 12 and 13 attach tightly onto piece 11 so as to widen the body.

Fold the stabilizers (piece 17) as shown and glue to piece 8 as indicated. Roll and glue together piece 18 in the same way as piece 2.

Strips (piece 19) cover the lengthwise joint where indicated.

Stage II

It would be easy to proceed to the assembly of the second stage as follows. Start with piece 26. Then glue to it one after the other pieces 25, 24, 23, 21, and 22. Strips (pieces 28 and 29) cover the lengthwise joint where indicated.

The second stage ends with the jet thrust nozzles (piece 27).

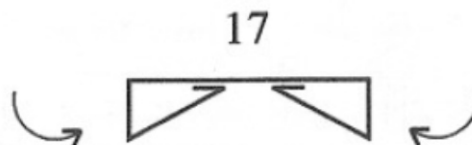
Stage I

It would be easy to proceed to the assembly of the first stage as follows. Start with piece 30. Then glue to it pieces 31 and 32. Then glue to piece 33 pieces 33b, 33c, 34, and 35. Only then attach piece 33b and piece 32. Finally add the jet thrust nozzles (piece 37), and the side stabilizer (piece 36).

Completion

Glue piece 38 to the second stage, then add the four first stages. Then attach the resulting piece to the first stage using the frame (piece 20). This completes the model.

Folding piece 17 together:



Make pieces 38 out of a round wooden stick (you may use a round toothpick). See the back for assembly instructions.

