

GIRD-X (ГИРД - X) Rocket



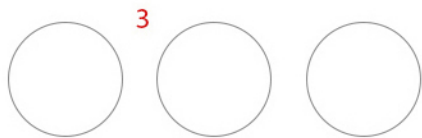
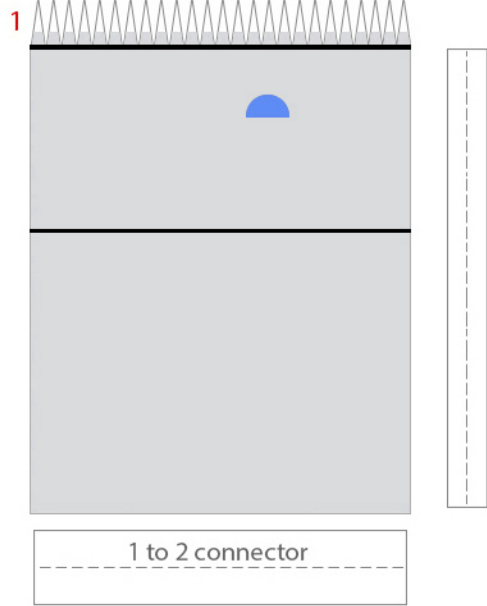
One of the first liquid-fueled rockets in the Soviet Union, Launched On November 25, 1933.

The rocket burned liquid oxygen and gasoline and was one of the first engines to be regeneratively cooled by the liquid oxygen, which flowed around the inner wall of the combustion chamber before entering it. Problems with burn-through during testing prompted a switch from gasoline to less energetic alcohol.

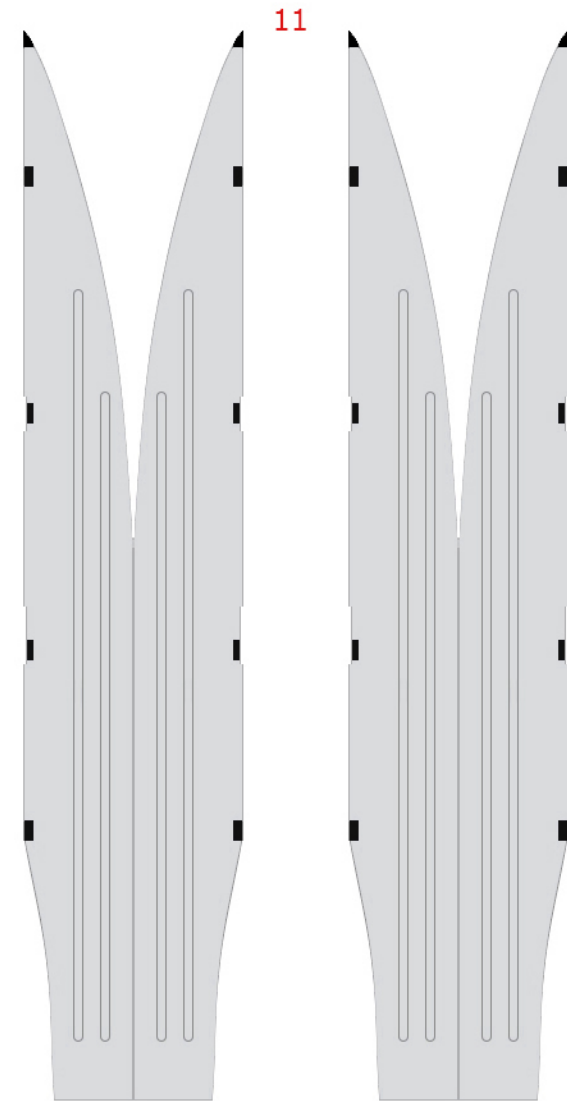
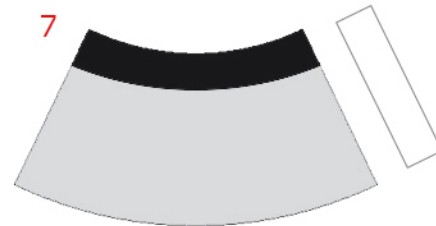
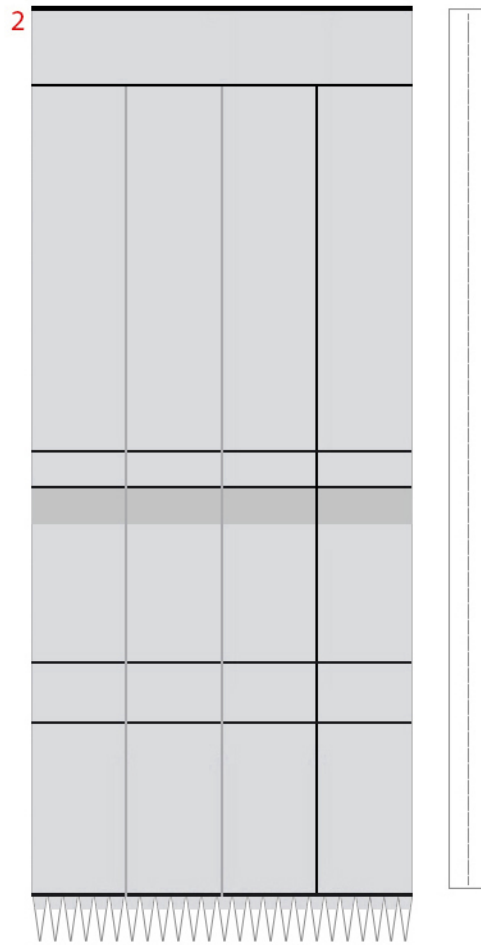
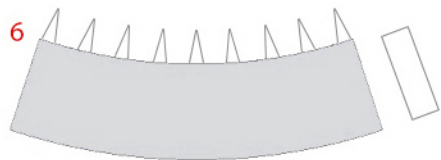
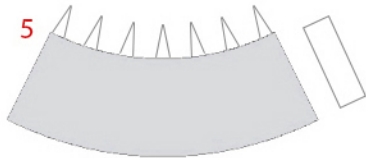
GIRD-X stood at 2.2 metres (7.2 ft) long by 140 millimetres (5.5 in) in diameter, had a mass of 30 kilograms (66 lb), and it was anticipated that it could carry a 2 kilograms (4.4 lb) payload to an altitude of 5.5 kilometres (3.4 mi).

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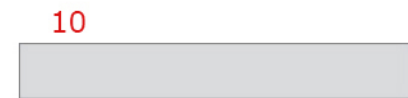
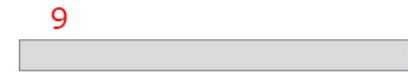
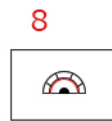
Cut out the blue shape



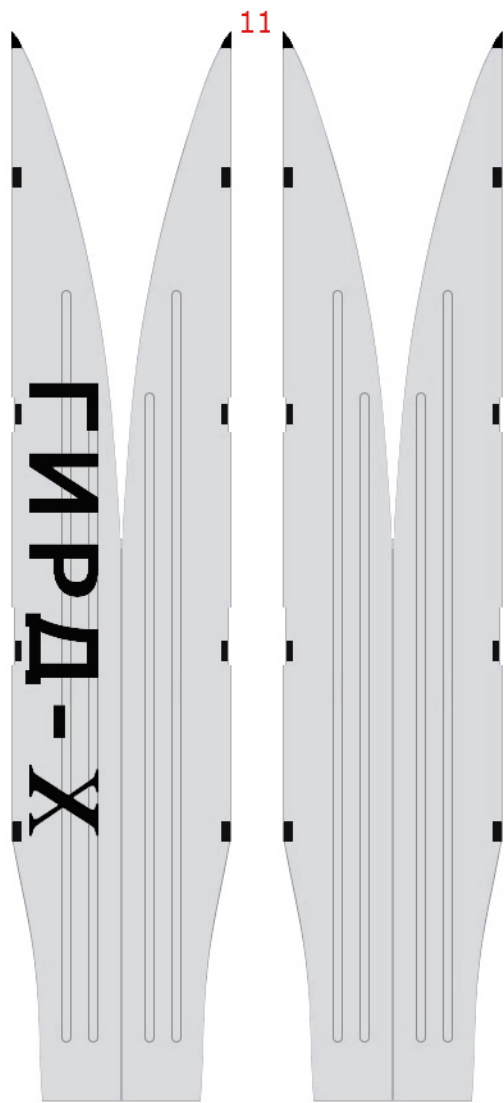
Formers, glue to cardstock



Score-fold in half and glue together.



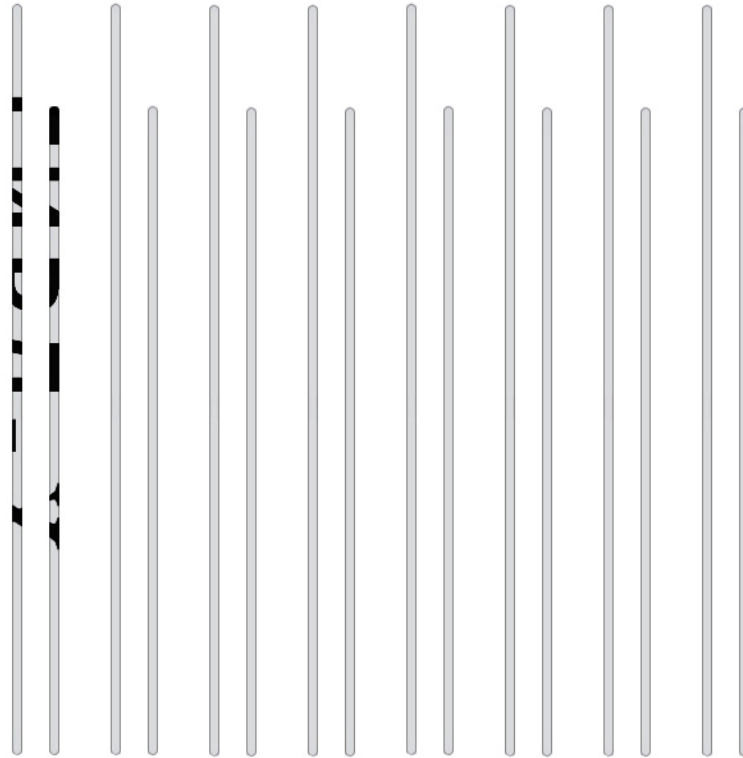
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Score-fold in half and glue together.

12

13



Keep all seems aligned.

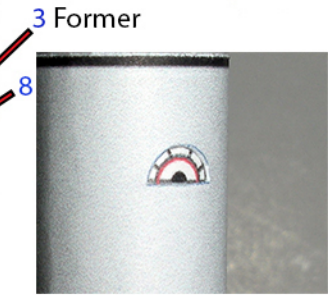
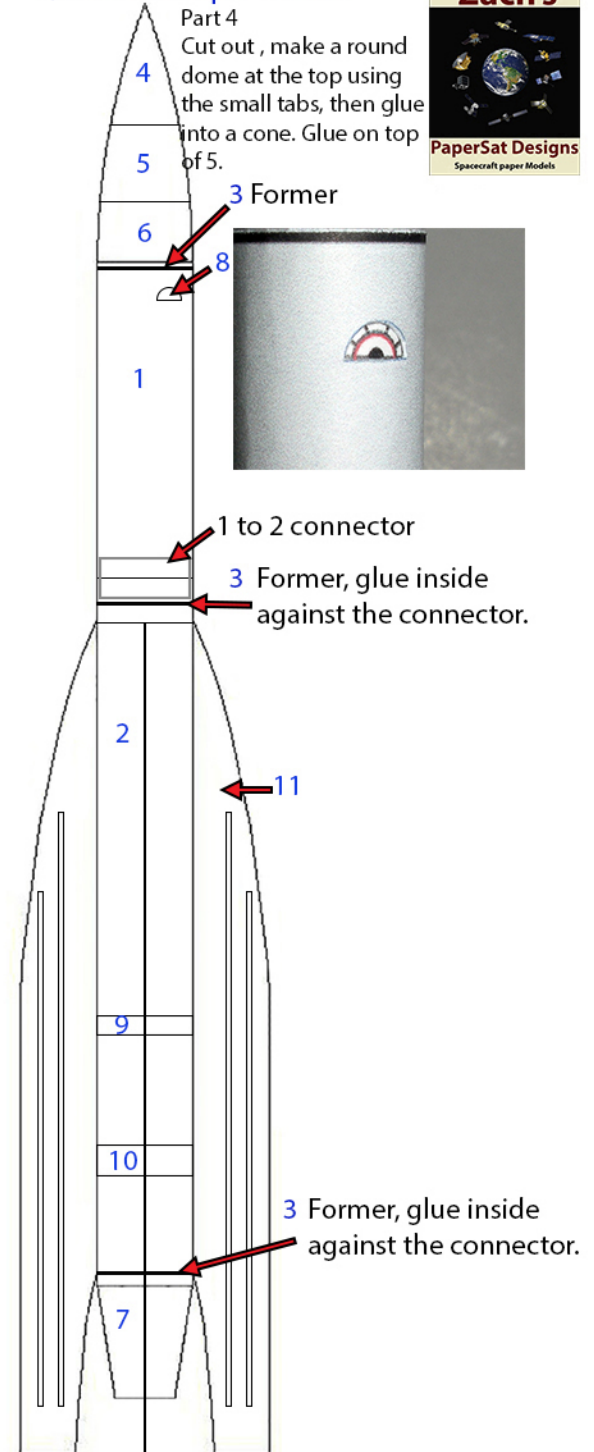
Part 8 - Cut out the blue area from 1, curve this around a tube but don't glue together. Cut out part 8 with the square, curve it and glue onto the opening and let dry. Close part 1 onto a tube.

Parts 12 - Glue onto the matching lines on the fin with "ГИРД -X" (GIRD-10) printed. Glue parts 13 onto the other fins.

Parts 11 - Fins, glue onto the lines and seem on the body, glue the fin with "ГИРД -X" onto the BLACK LINE.

1/10 Scale Paper Model

Part 4
Cut out, make a round dome at the top using the small tabs, then glue into a cone. Glue on top of 5.



1 to 2 connector
3 Former, glue inside against the connector.

3 Former, glue inside against the connector.