

Long March 11 Chang Zheng-11 - CZ-11)



The Long March-11 (Chang Zheng-11) is a small solid-fuelled quick-reaction launch vehicle developed by the China Academy of Launch Vehicle Technology (CALT) to provide an easy to operate quick-reaction launch vehicle, that can remain in storage for long period and to provide a reliable launch on short notice.

LM-11 is a four-stage solid-fuelled launch vehicle equipped with a reaction control system on the fourth stage. The vehicle has a length of 20.8 meters, 2.0 meters in diameter and a lift-off mass of 58,000 kg. At launch it develops 120,000 kg/f, launching a 350 kg cargo into a 700 km SSO. The CZ-11 can use two types of fairing with 1.6 meters or 2.0 meters.

LM-11's first launch took place on September 25, 2015, when successfully orbited the Pujiang-1 and the three Tianwang smallsats from the Jiuquan Satellite Launch Center.

The CZ-11 can also be launched from a maritime launch platform using the CZ-11H version.

Function	Small orbital launch vehicle
Manufacturer	CALT
Country of origin	China

Size

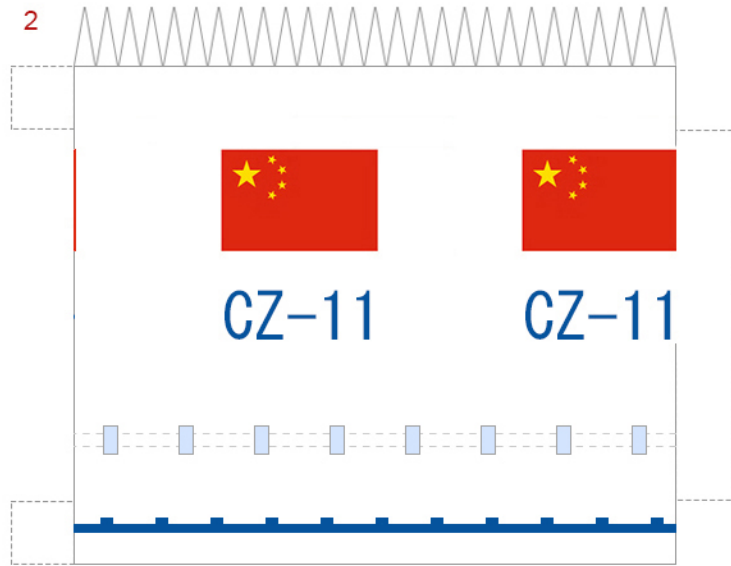
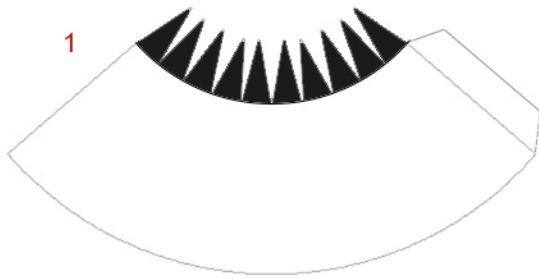
Height	20.8 m (68 ft)
Diameter	2.0 m (6.6 ft)
Mass	58,000 kg (128,000 lb)
Stages	4
Capacity	
Payload to LEO	700 kg (1,500 lb)
Payload to SSO700km	350 kg (770 lb)

Associated rockets

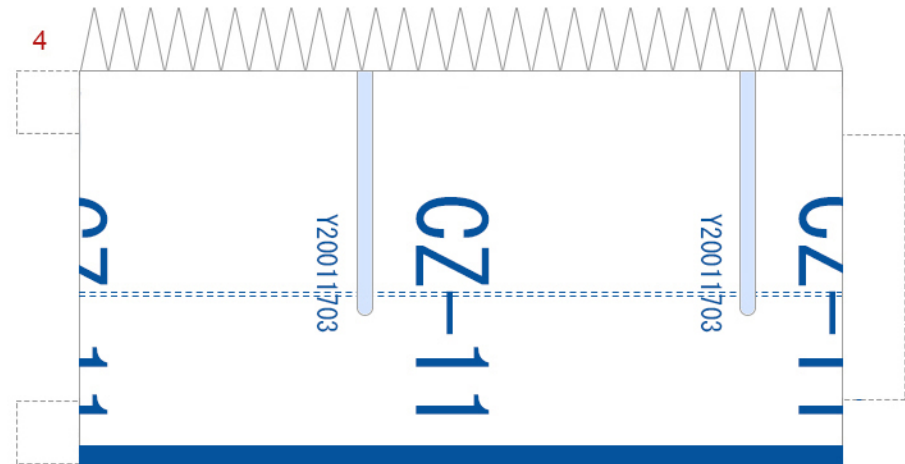
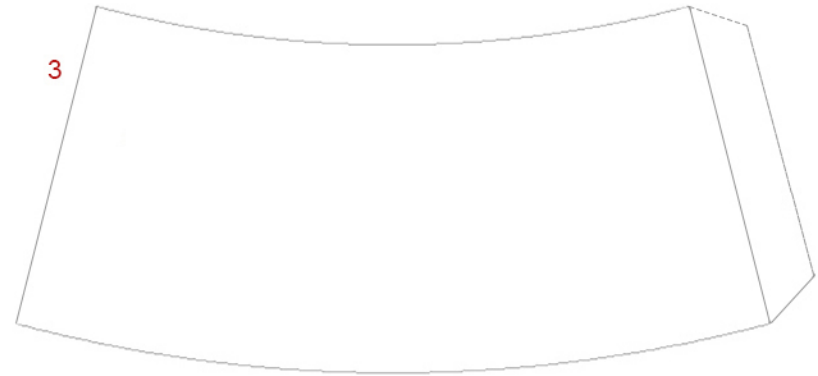
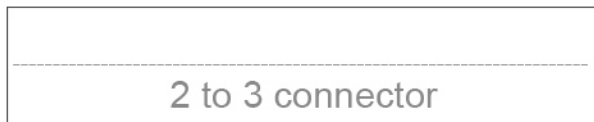
Family	Long March
Launch history	
Status	Active
Launch sites	Jiuquan
Special converted barge	Yellow Sea
Total launches	8
Successes	8
First flight	25 September 2015



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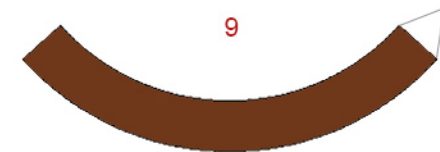
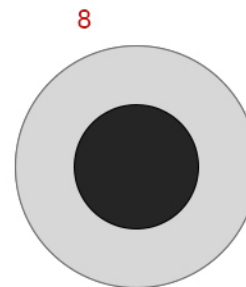


Glue all to cardstock, glue to the blue rectangles on the part above.





Glue 6 on the blue lines on Part 4.
Glue 7 on the blue lines on Part 5.



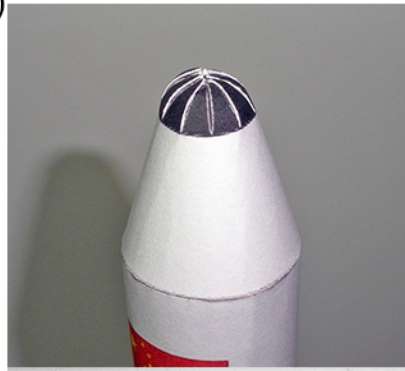
Color back light grey or silver

Jielong-2 (Smart Dragon-2)

1/60 Scale

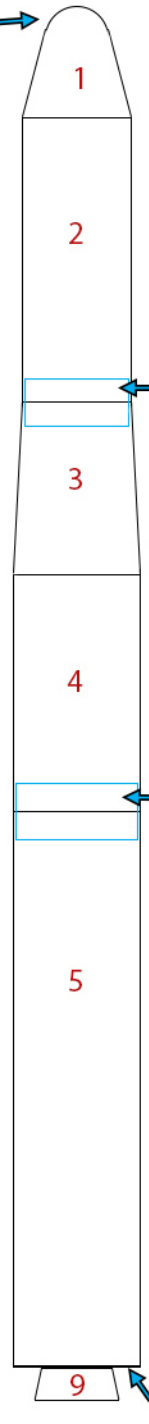


Completed Model



Instructions

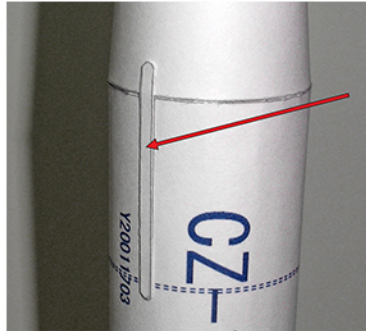
Keep all seems aligned during assembly



Roll 2 into a tube
Glue 2a onto the eight rectangles on 2.

Roll 4 into a tube
Roll 5 into a tube
Glue 6 into the blue lines on 4
Glue 7 into the blue lines on 5
Glue these together using the connector.

8 is glued to the bottom of 5
glue 9 on the black circle on 8.



Part 6

