

Epsilon-1



The first "Epsilon" launch vehicle (Epsilon-1), the first of the Japan Aerospace Exploration Agency's (JAXA) new generation of rockets, was launched from the Uchinoura Space Center in Kagoshima Prefecture in September 2013. It is the first new rocket that Japan has developed in 12 years since its main "H2A" rocket. Epsilon incorporates the latest technology and has been designed to significantly cut costs by reforming the rocket's launch mechanism, which previously required the involvement of a large number of people. A "future" where mankind can "cheaply, quickly, and easily" advance the development of space is just around the corner.

It is a 3-stage rocket that uses solid fuel similar to gunpowder. At 24.2 meters in overall length and 2.6 meters in diameter, it is half the size of main rockets such as the H2A and Russia's Soyuz, which are used by individual countries. Despite this, it is capable of launching a 1.2 ton (est.) satellite into orbit around the earth at an altitude of several hundred kilometers.

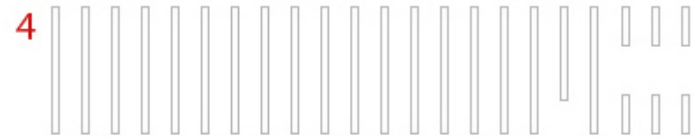
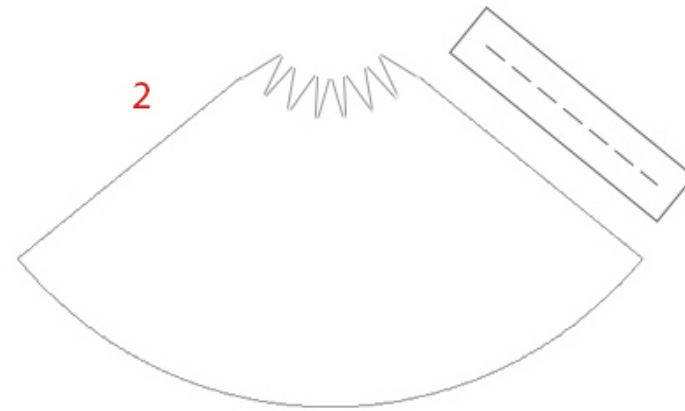
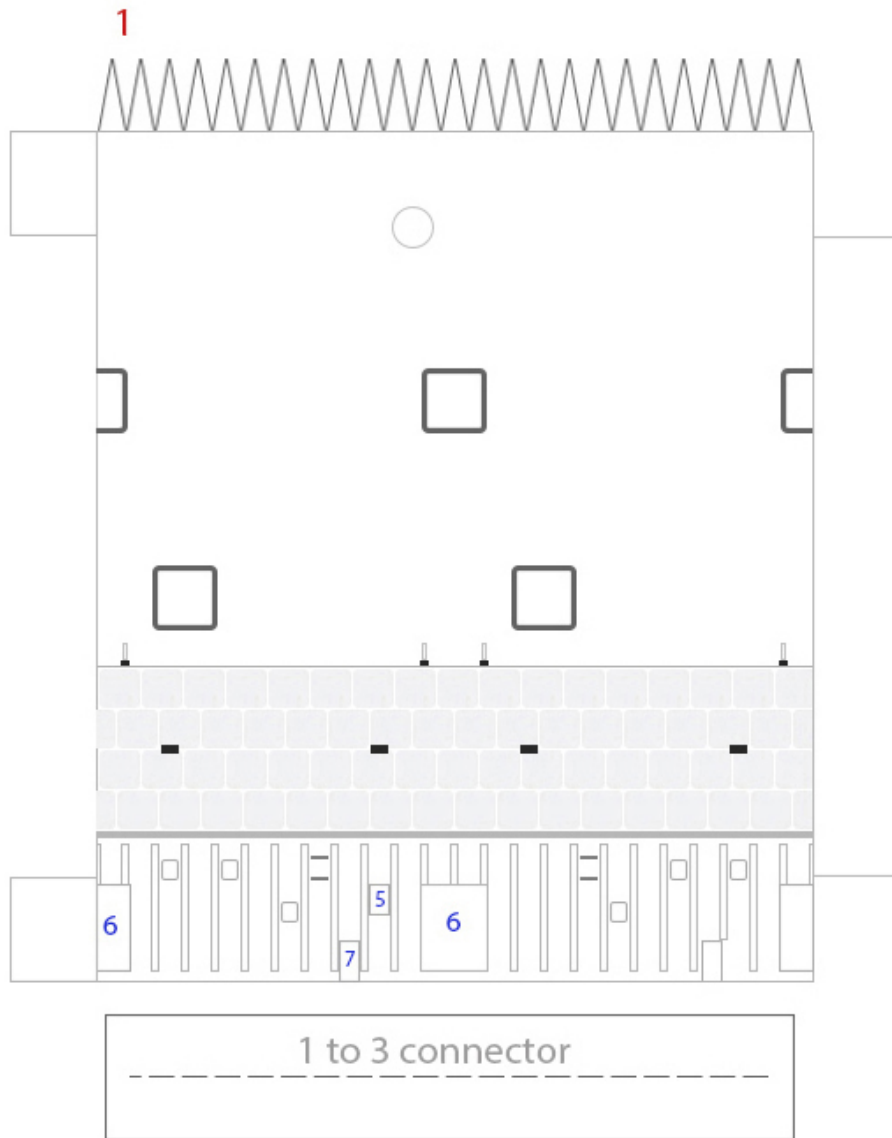
The small Epsilon launch vehicle is capable of launching smallish satellites and planetary exploration craft; and in terms of future space development, it is believed that this fact will be of benefit. This is because small satellites that can be made in a short period of time, without costing a fortune, are becoming the norm as the performance of small pieces of equipment, such as cameras and batteries, steadily improves.

There are not many countries with the science and technology to launch satellites into space. Epsilon is the optimal size to launch small satellites and this will no doubt be a great attraction to emerging nations that plan to embark on space development programs in the future.

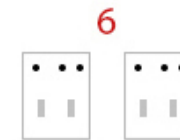
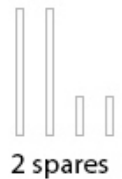
The development of the world's most easily launched rocket makes the distant universe seem more accessible.



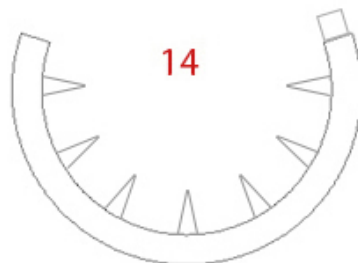
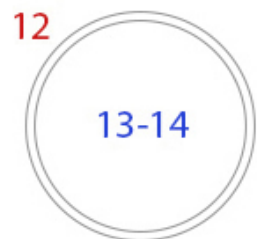
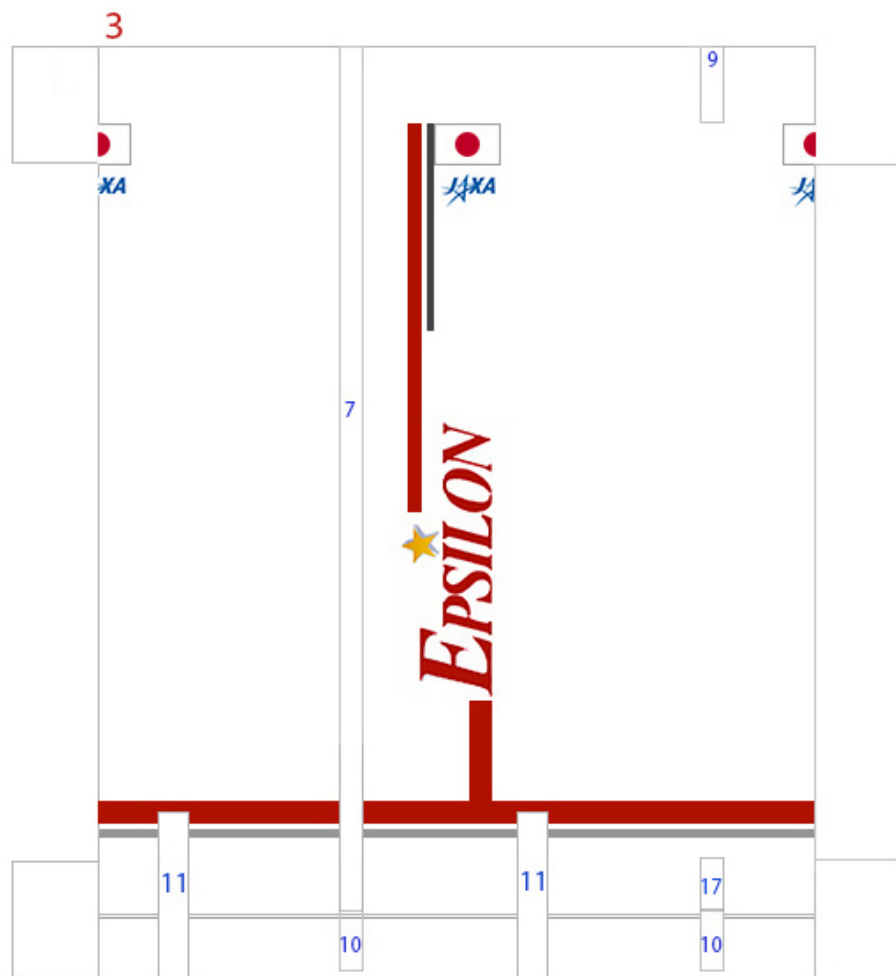
Epsilon-1



Glue all these to cardstock
Glue these to the matching
graphics on part 1

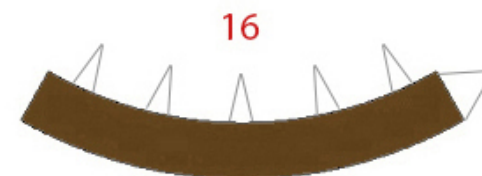
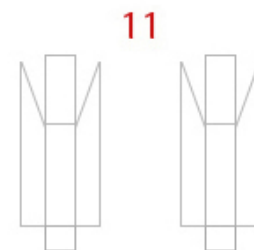
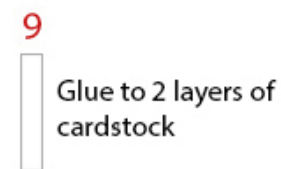


Epsilon-1



Glue these to cardstock

Glue to cardstock



Color back Black on 15 and 16