

Naro-1

www.cardmodels-r.narod.ru

1:96 scale

The Naro-1, previously designated Korea Space Launch Vehicle or KSLV, is South Korea's first carrier rocket, which made its maiden flight on 25 August 2009. It is built by KARI, the national space agency of South Korea along with Korean Air and Khruichev State Research and Production Space Center (Russia) provided first stage and was launched into space from the country's new spaceport, the Naro Space Center. The official name of the first KSLV rocket, KSLV-I is Naro, which is the name of the region in which Naro Space Center is located.

The KSLV-I launch vehicle is based on **the first stage of the Russian Angara rocket** combined with **a solid-fueled second stage built by South Korea**. This configuration is reportedly capable of launching a satellite weighing 100 kilograms into low elliptical orbit.

(from <http://en.wikipedia.org/wiki/Naro-1>)

H ~ 350 mm

Paper used:

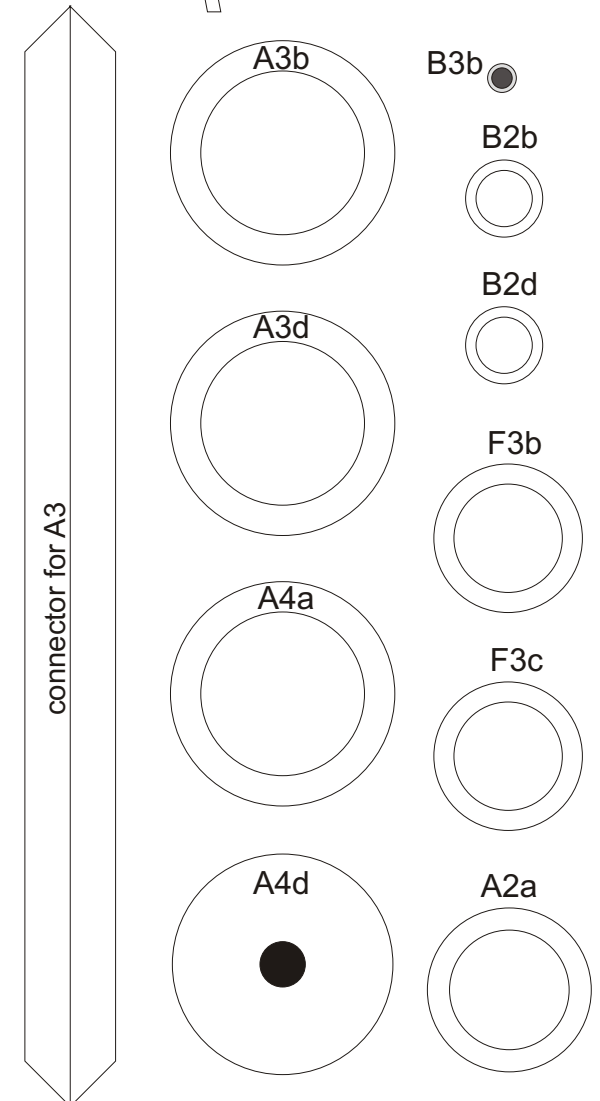
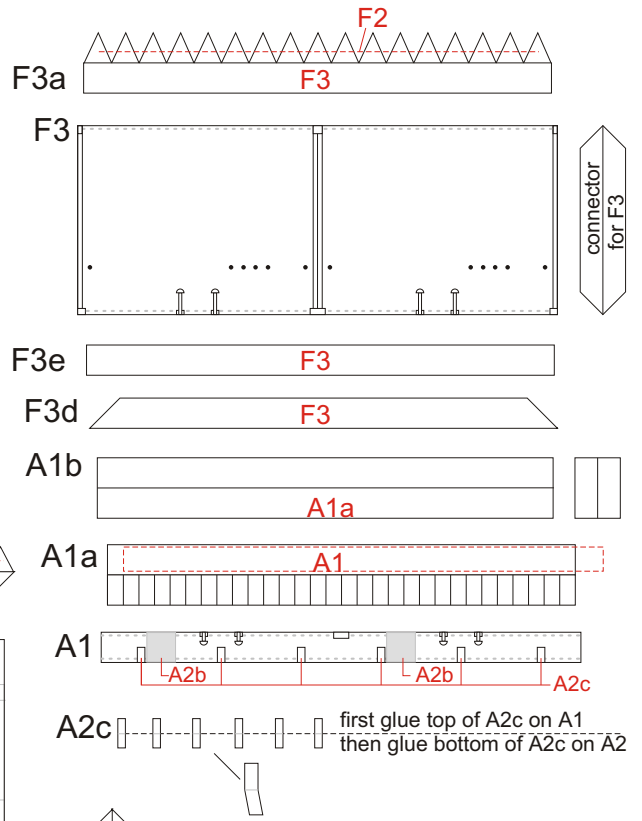
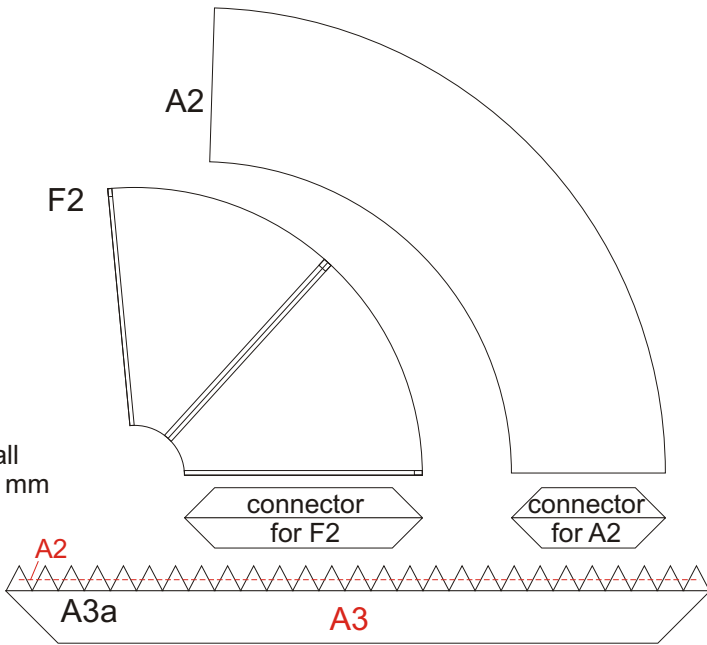
0,26 mm - 200 gr ("cardstock")

0,15 mm - 130 gr

Glue: PVA

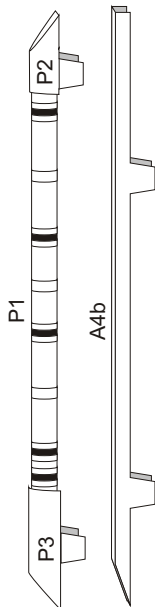


F1
 ○
 white ball
 d = 3,5 mm

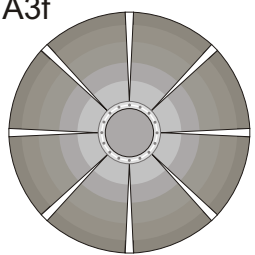


||— slots

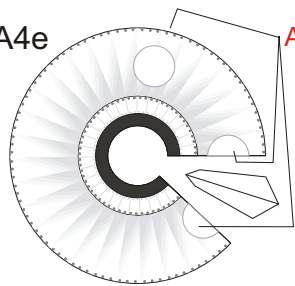
A4



A3f

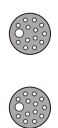


A4e

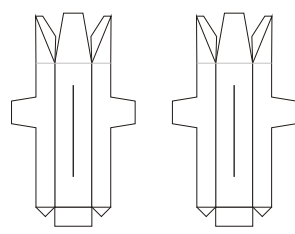


A4e-1

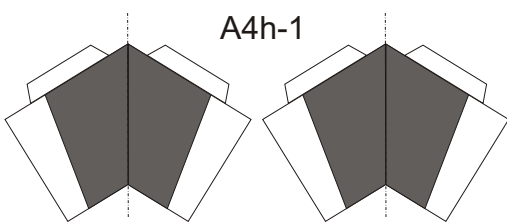
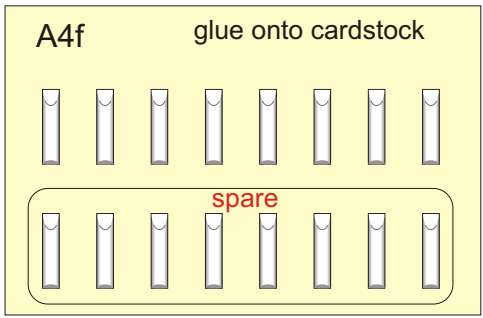
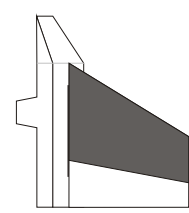
A4e-1

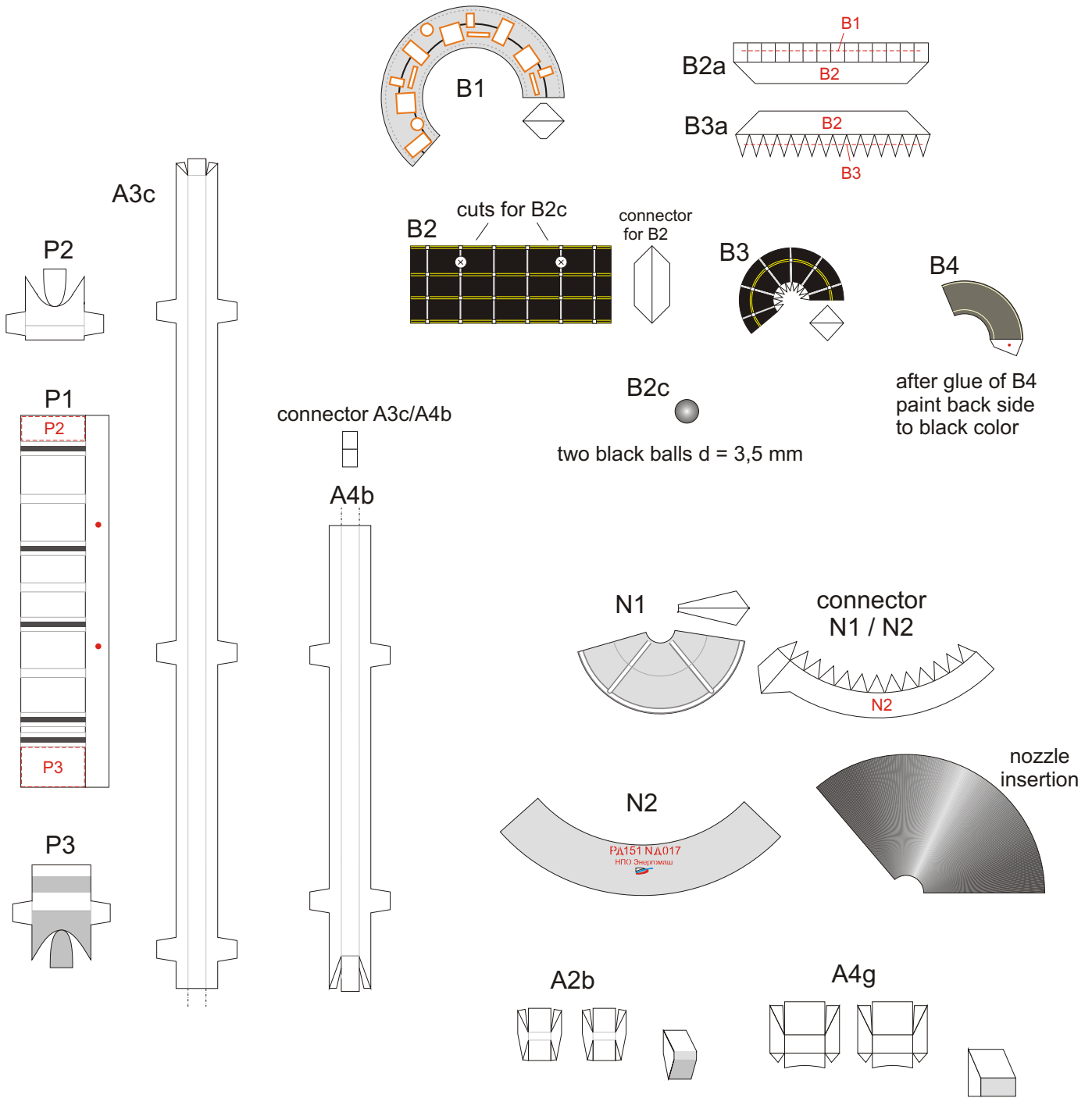


A4h



slots for A4h-1





Naro-1

Assembly diagram

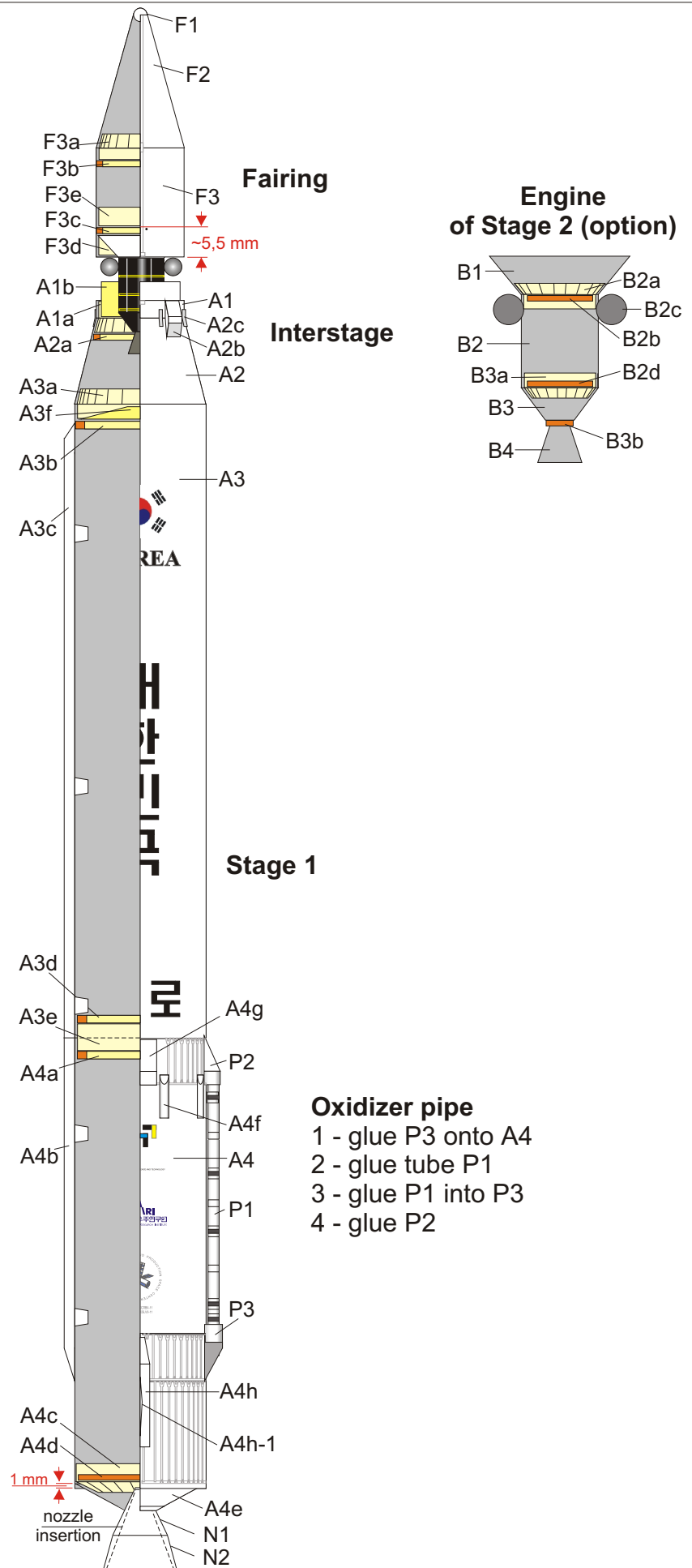
Fairing + engine of Stage 2*

- 1 - assembly engine of Stage 2
- 2 - glue cylinder part of Fairing (F3+F3a+F3b+F3e+F3c)
- 3 - glue and assembly cone F2 then glue F3d

Interstage

- 1 - glue cone A2
- 2 - glue cylinder A1 by strip A1a then glue cylinder A1b into A1a
- 3 - assembly these with cone A2 and glue A2a

* engine of Stage 2 is option



Oxidizer pipe

- 1 - glue P3 onto A4
- 2 - glue tube P1
- 3 - glue P1 into P3
- 4 - glue P2