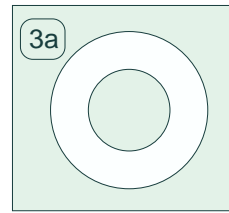
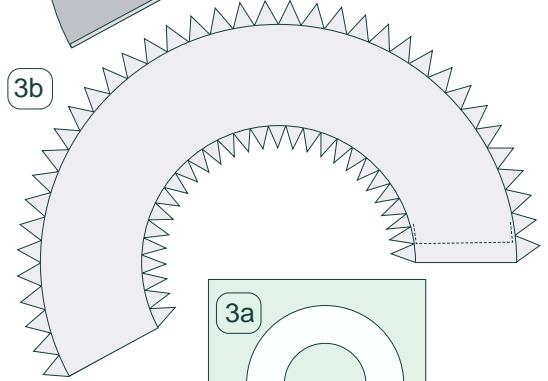
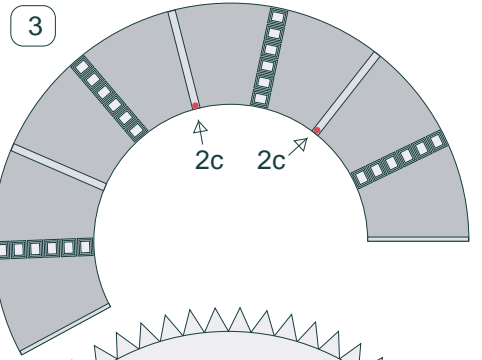
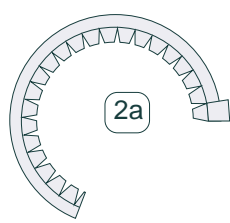
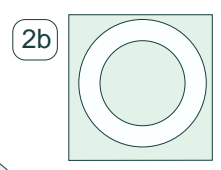
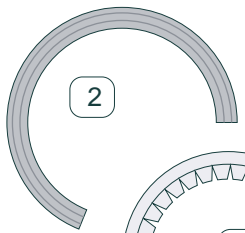
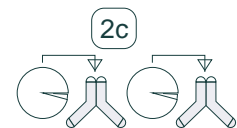
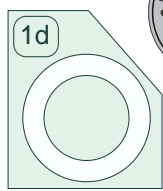
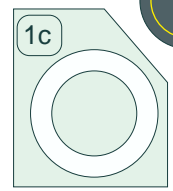
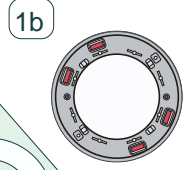
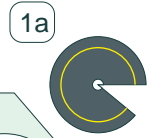
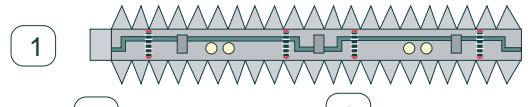
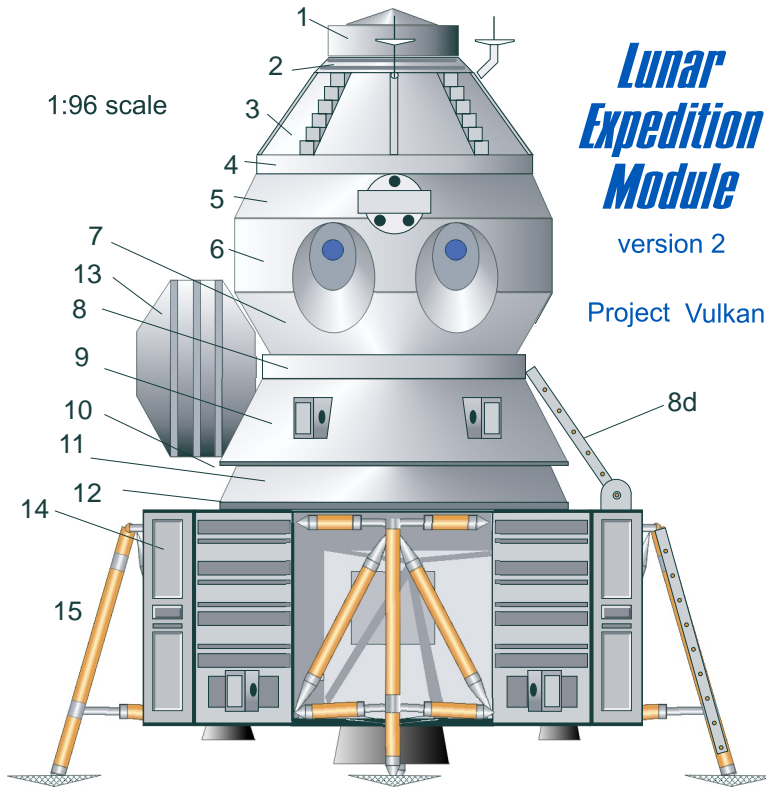


1:96 scale

Lunar Expedition Module

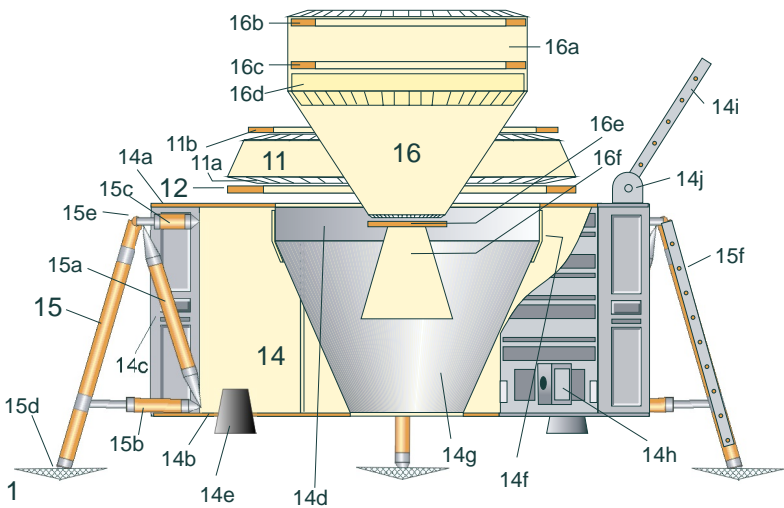
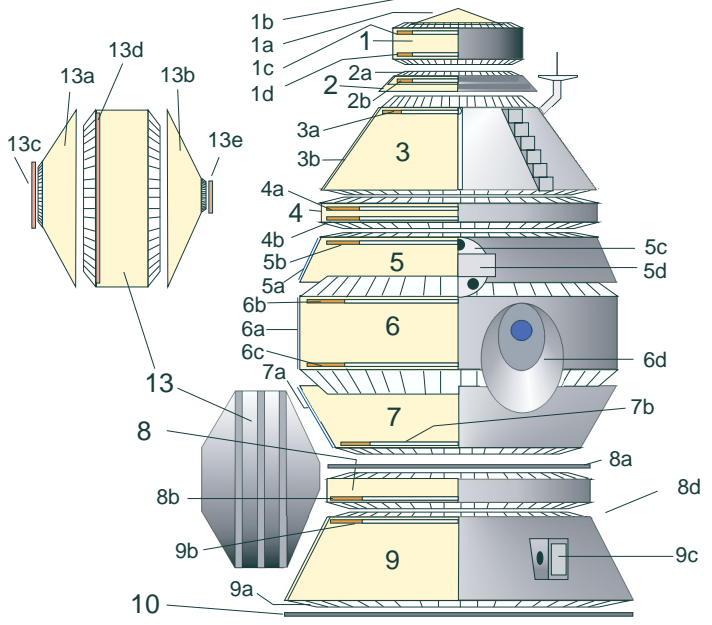
version 2

Project Vulkan



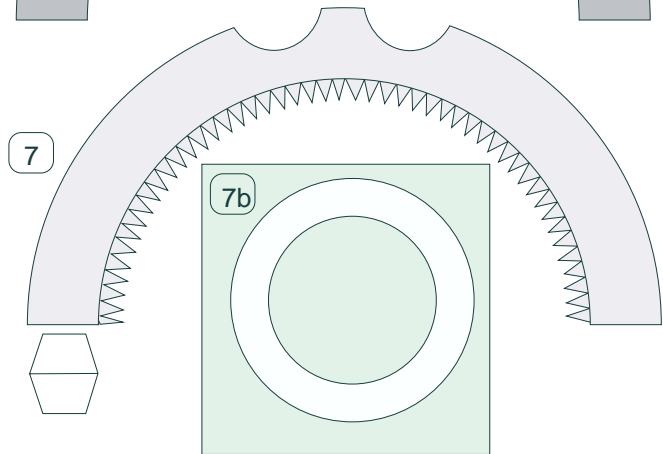
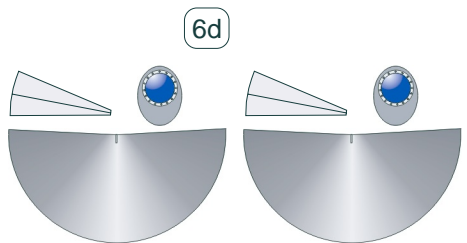
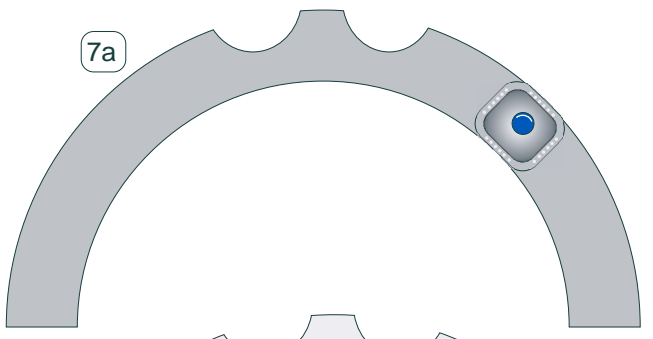
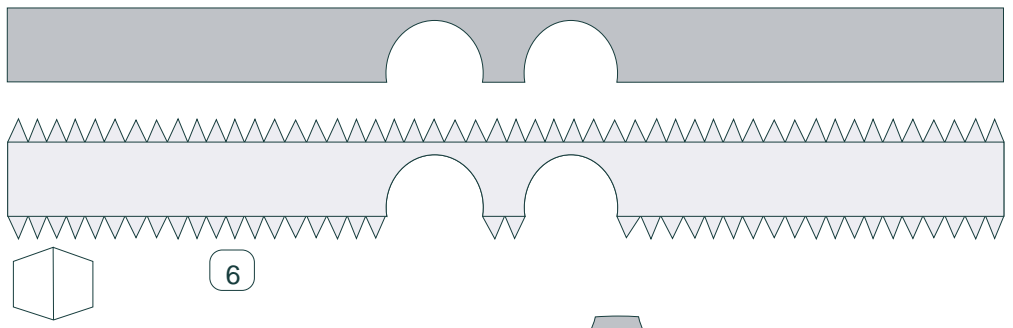
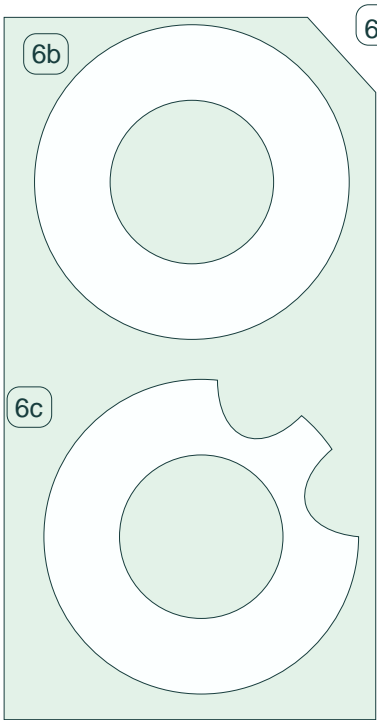
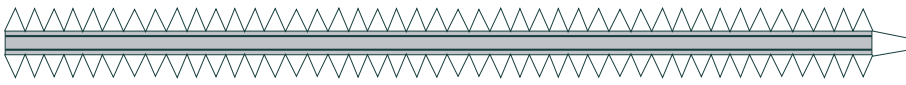
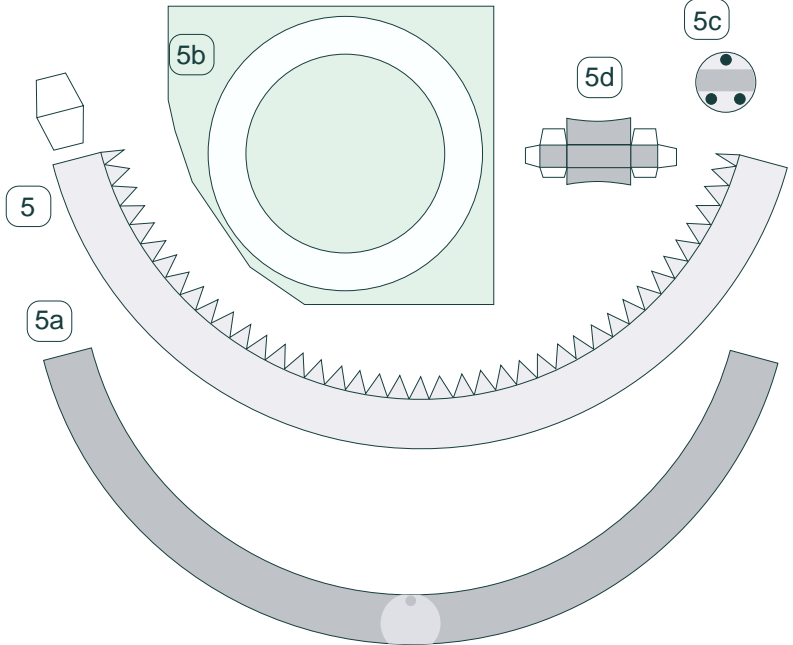
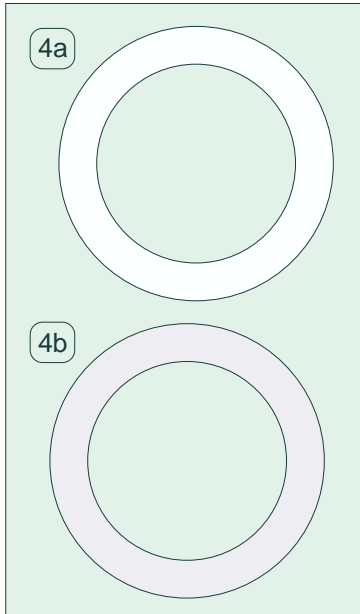
These parts
glue onto
same paper

These parts
glue onto
cardstock



10 cm

10 cm

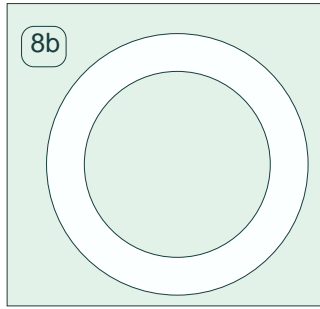


10 cm

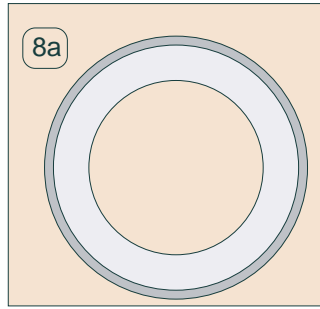
8



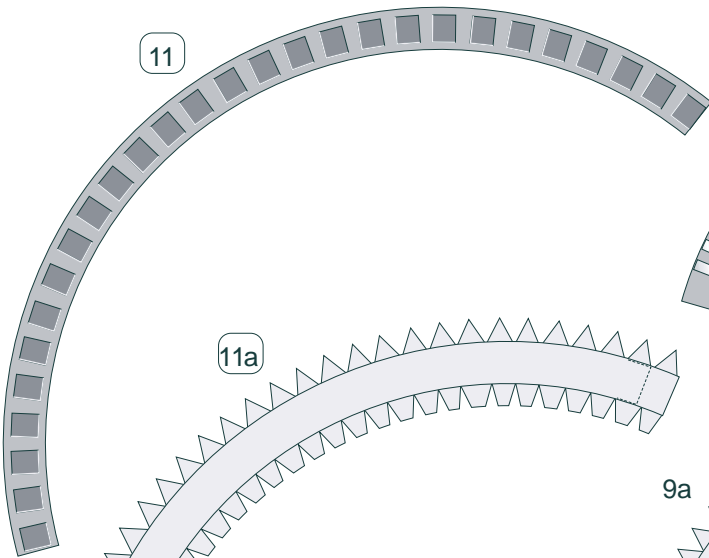
8b



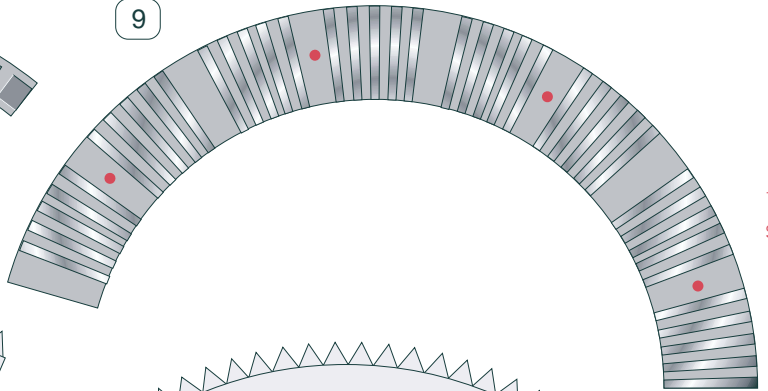
8a



11

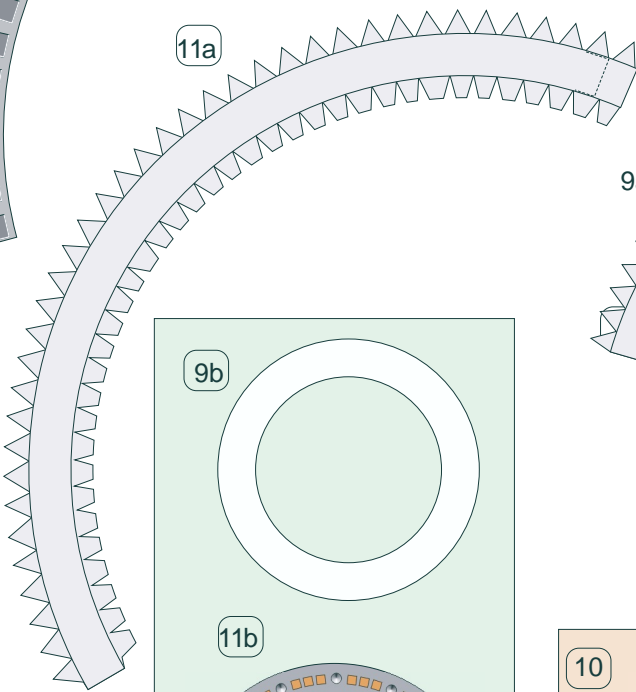


9

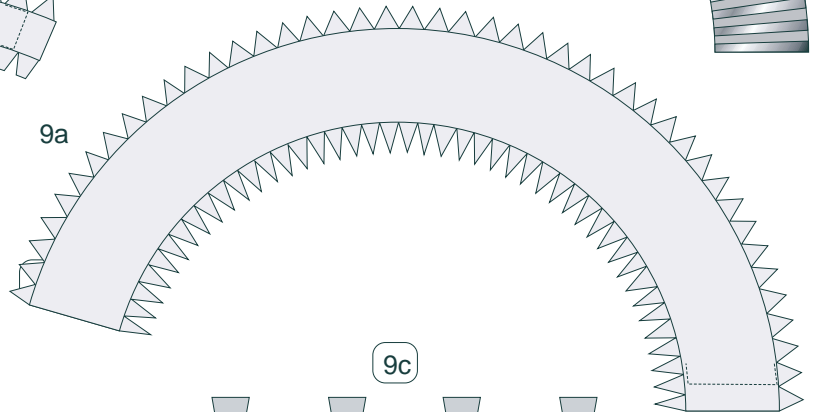


10 cm

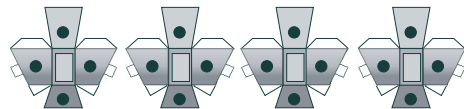
11a



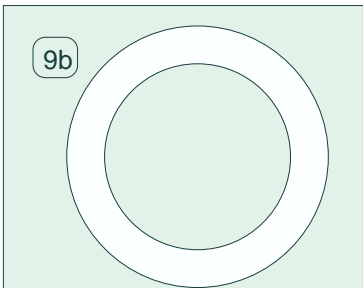
9a



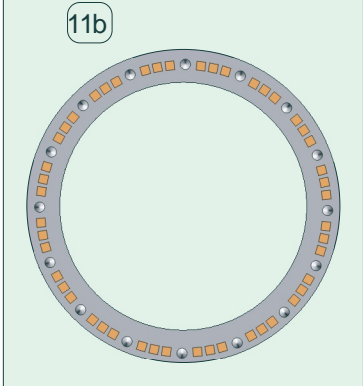
9c



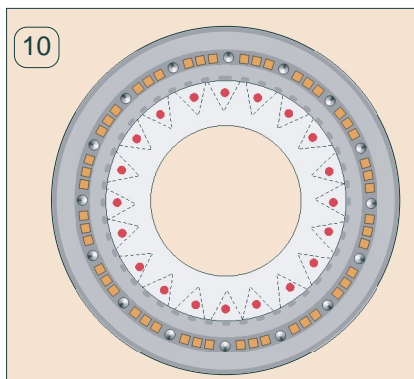
9b



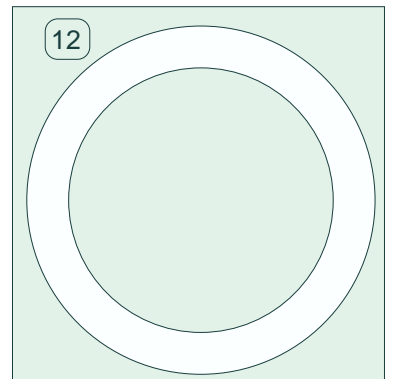
11b

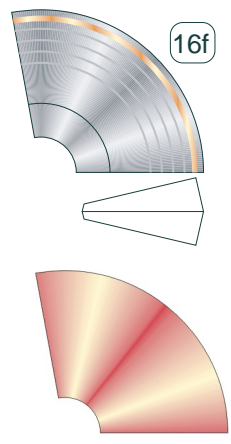
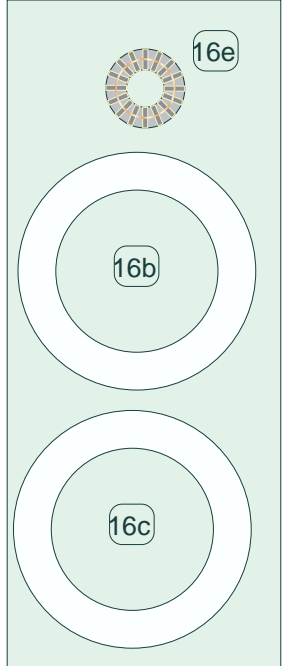
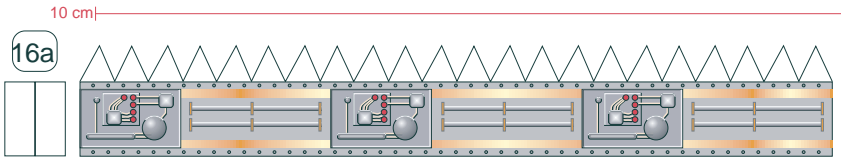
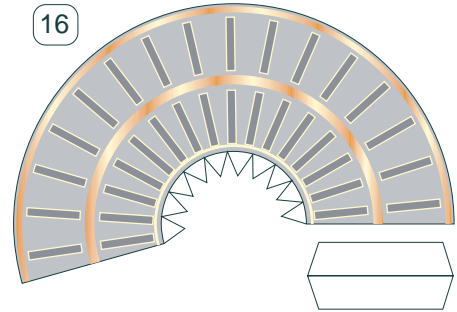


10

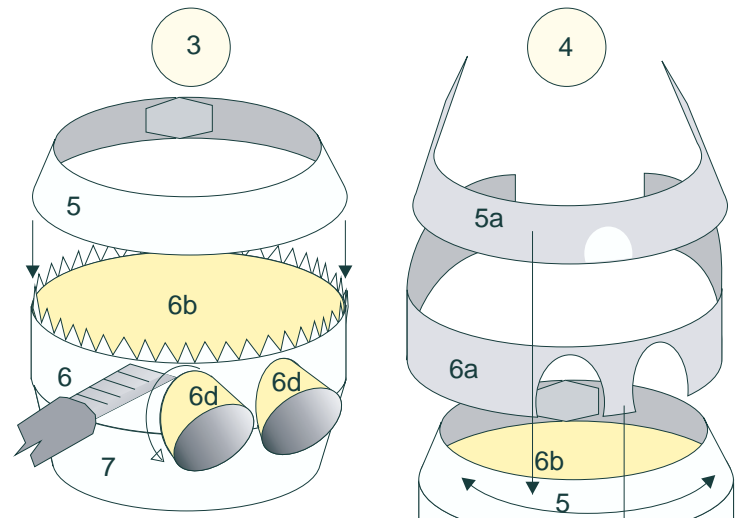
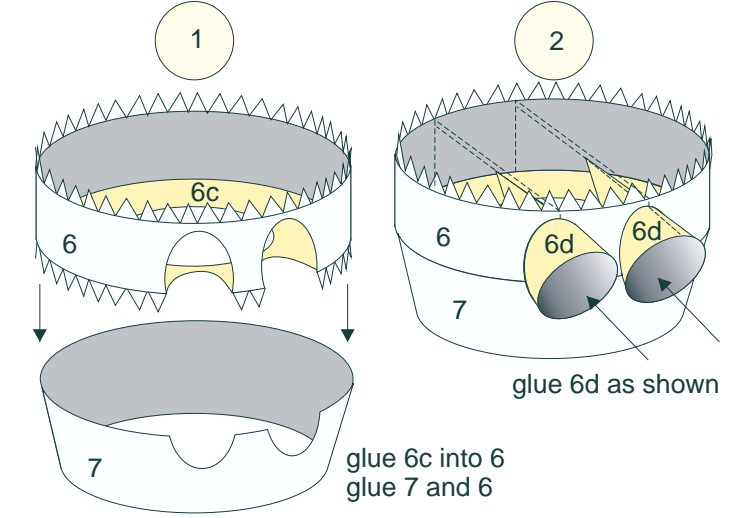


12



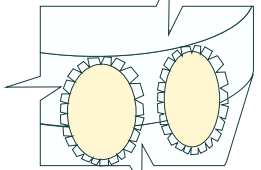
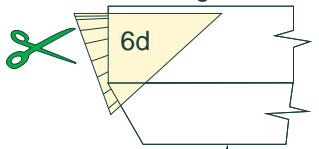


Assembling of the Command Module



glue 6b and 5

cut off 6d aflush
or make an incision in
obtrusive edges

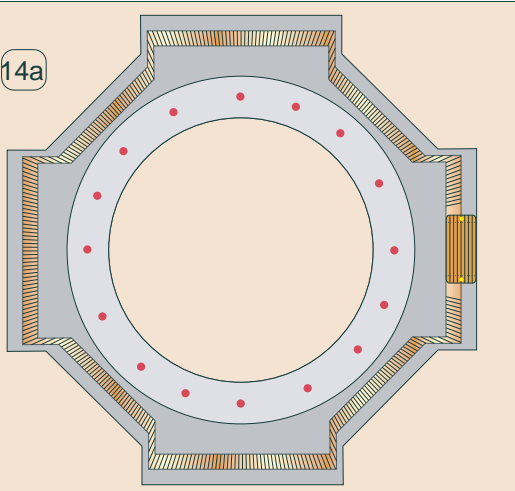


glue 6a then 5a
and 7a on 6, 5 and 7

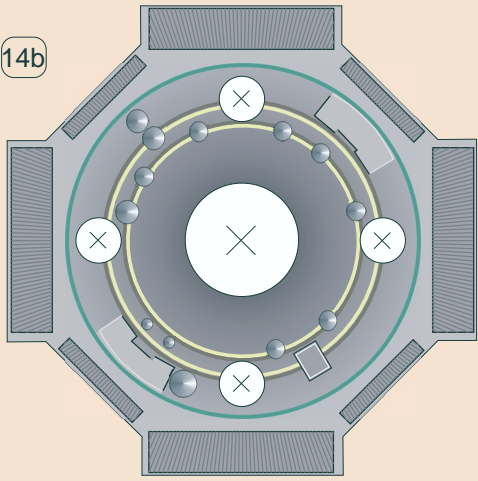
glue bull's-eyes
and 5c/5d

10 cm

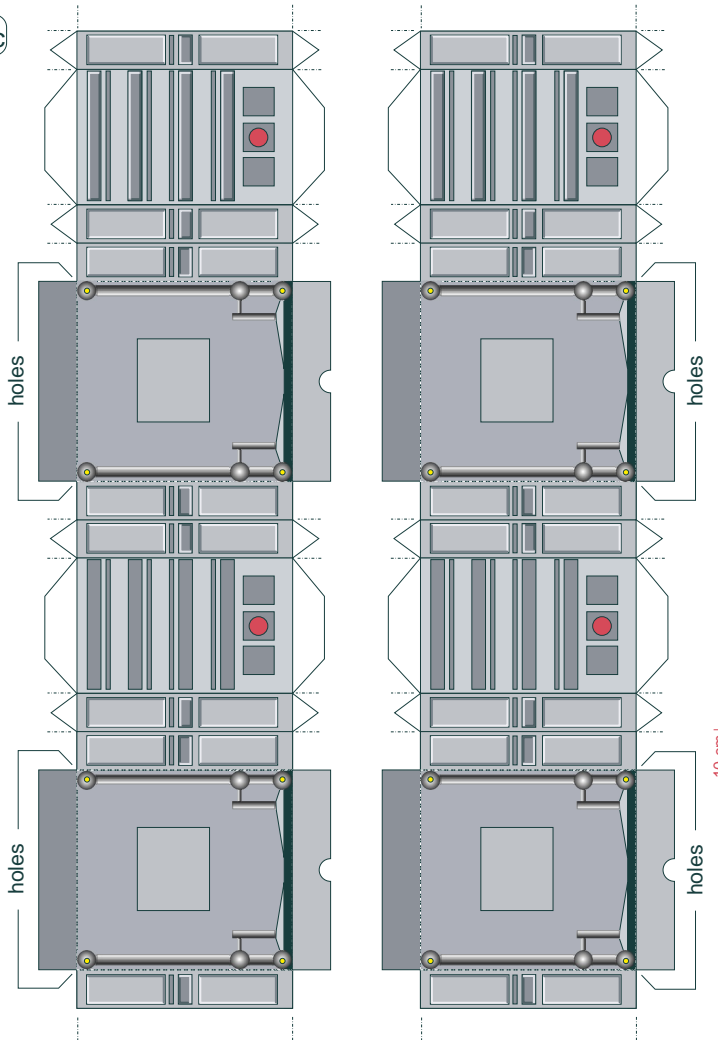
14a



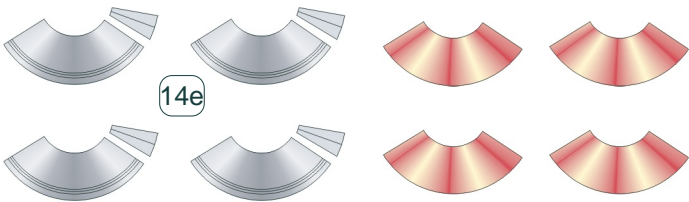
14b



14c

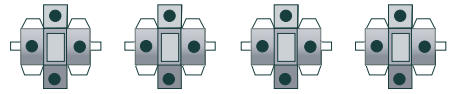


10 cm

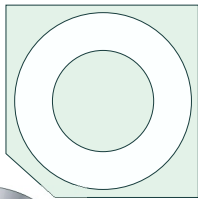


14e

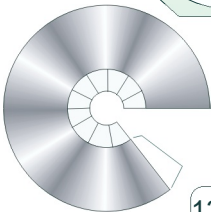
14h



13d



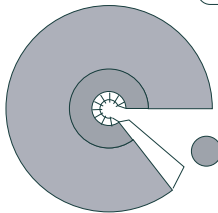
13a



13c

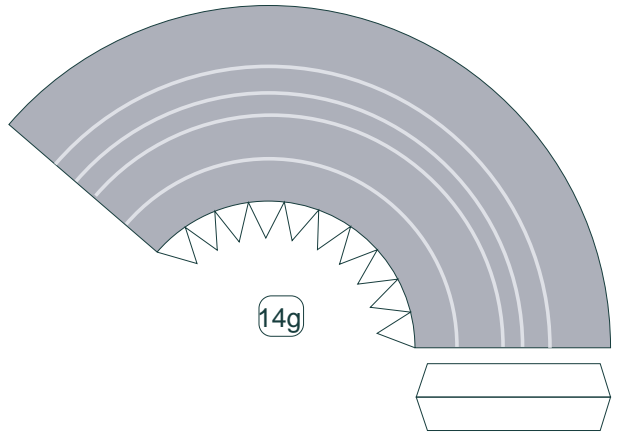
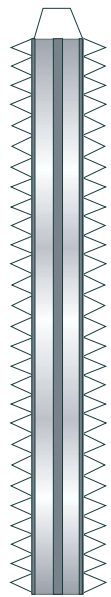


13b



13e

13

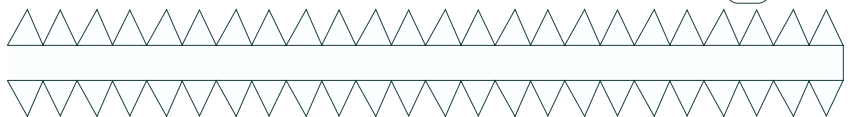


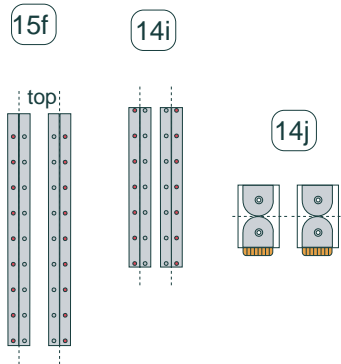
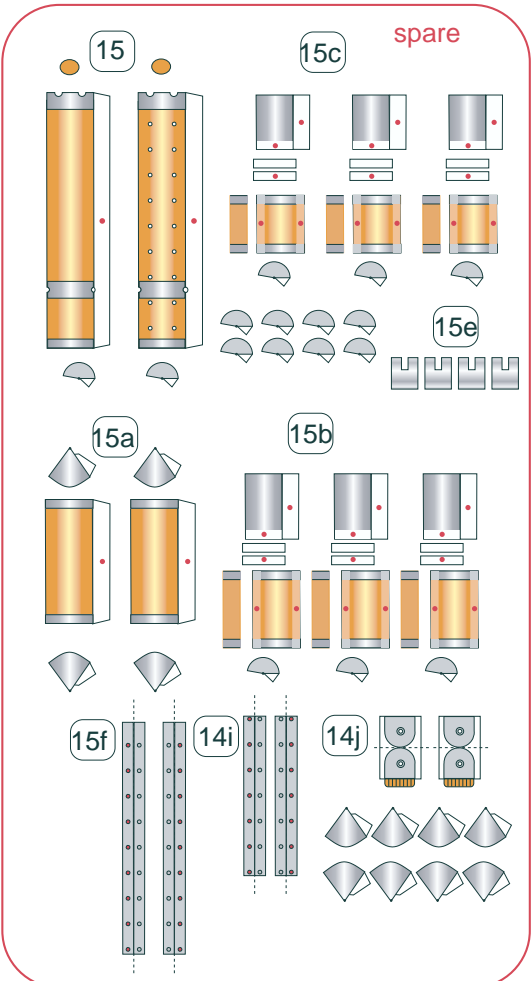
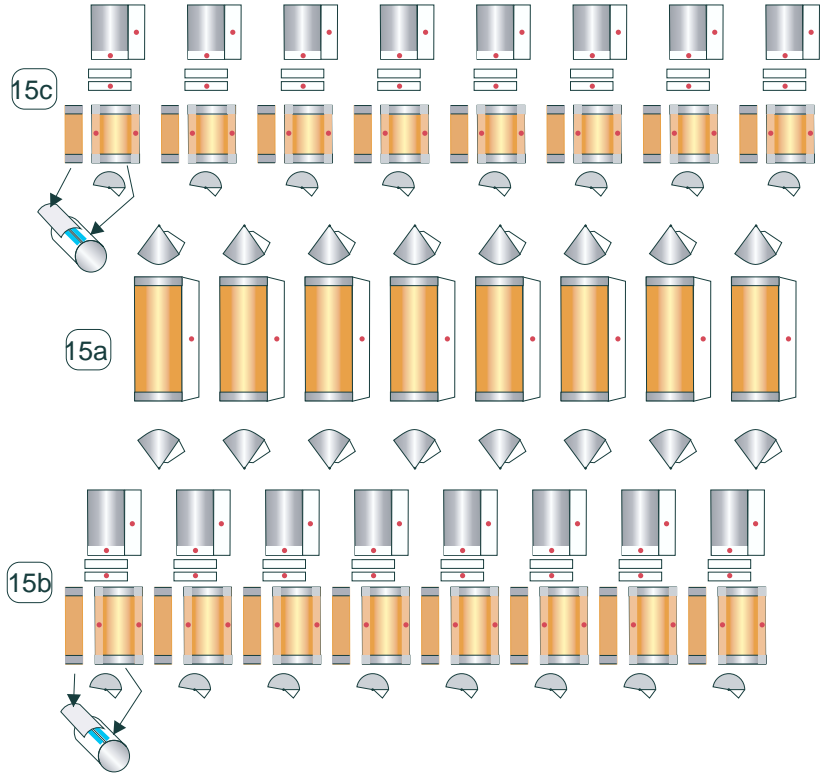
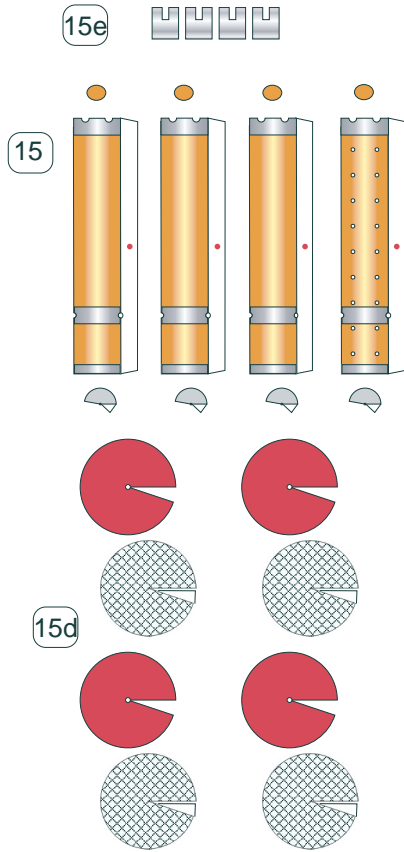
14g

14d



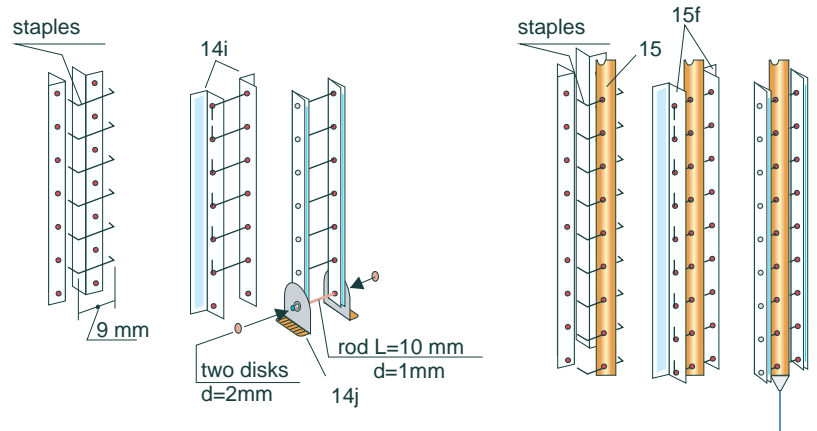
14f



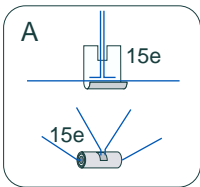


footsteps - metallic staples No 10
 9 pcs for ladder 15f
 6 pcs for ladder 14i

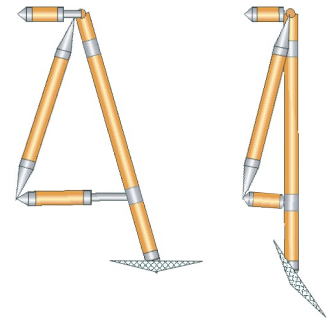
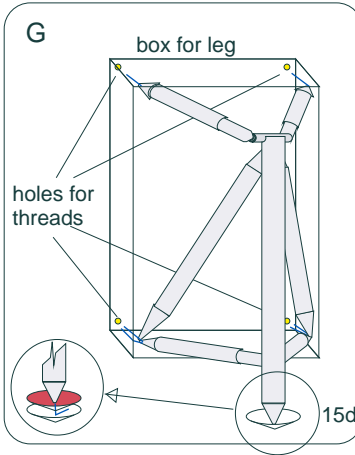
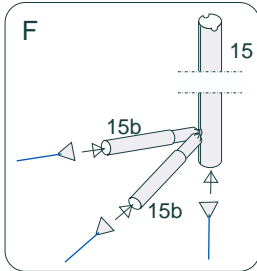
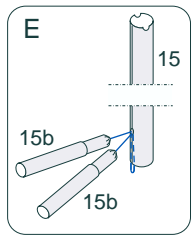
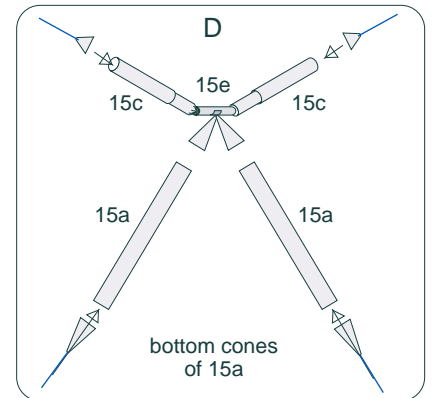
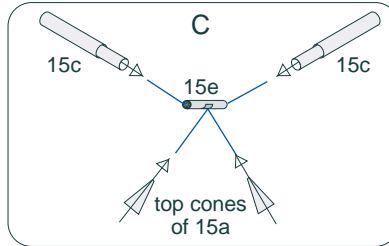
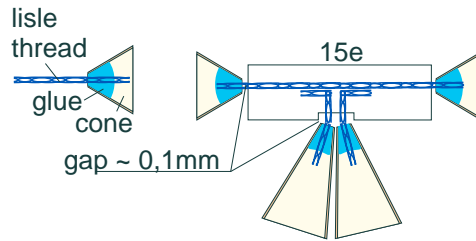
Assembling of ladders



Assembling of the legs



for flexibility of joining parts
use lisle thread $d \sim 0,2\text{mm}$
(blue lines on diagrams)



A Put three lisle threads in the part 15e,
as shown on a diagram, roll and glue 15e
as a tube (free ends of threads are $\sim 1\text{cm}$)

B Assembly "pneumatic" parts 15b and 15c: glue first grey strip
inward greater cylinder, glue second strip over a "piston";
insert a "piston" into a cylinder and make sure that it moves freely.

C Paste threads from ends of cylinder 15e into 15c
with gap $\sim 0,1\text{mm}$ slightly wringing out ends of pistons;
insert and glue threads, salient from a middle of part 15e,
into the top cones of 15a and fix them by glue from within
(also with gap $\sim 0,1\text{mm}$)

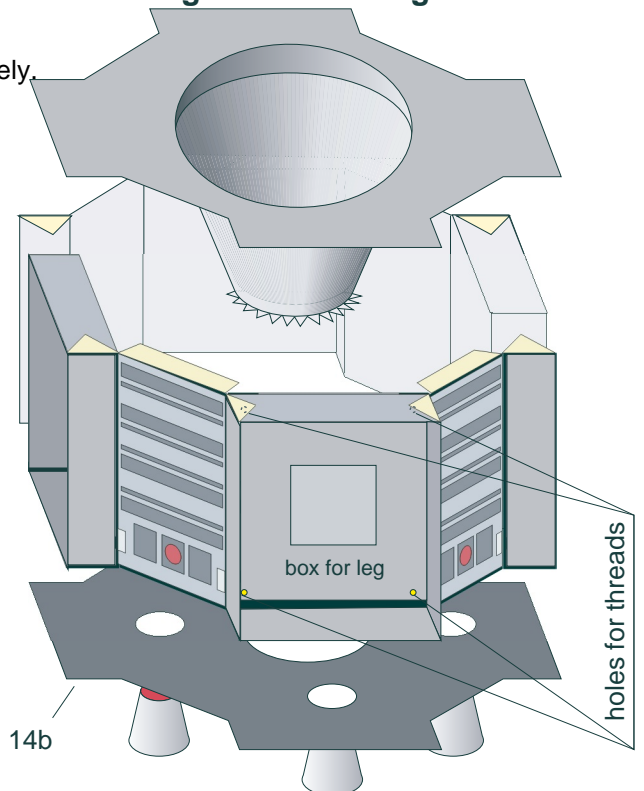
D Glue cylindrical parts of 15a to their cones;
glue remaining cones with threads to 15a and 15c.

E Pass and glue loopwise thread into hole of part 15,
paste free ends in the pistons of part 15b
without a gap

F Glue cones with threads on 15b,
glue a lower cone on 15.

G Connect the assembling, described in D, with 15
gluing the tube 15e in the overhead slots of 15;
paste threads salient from the cones 15a, 15b, 15c
to yellow holes on the part 14c of the landing module.

Assembling of the Landing Module



Glue 14b only after assembling legs !