National Aeronautics and Space Administration

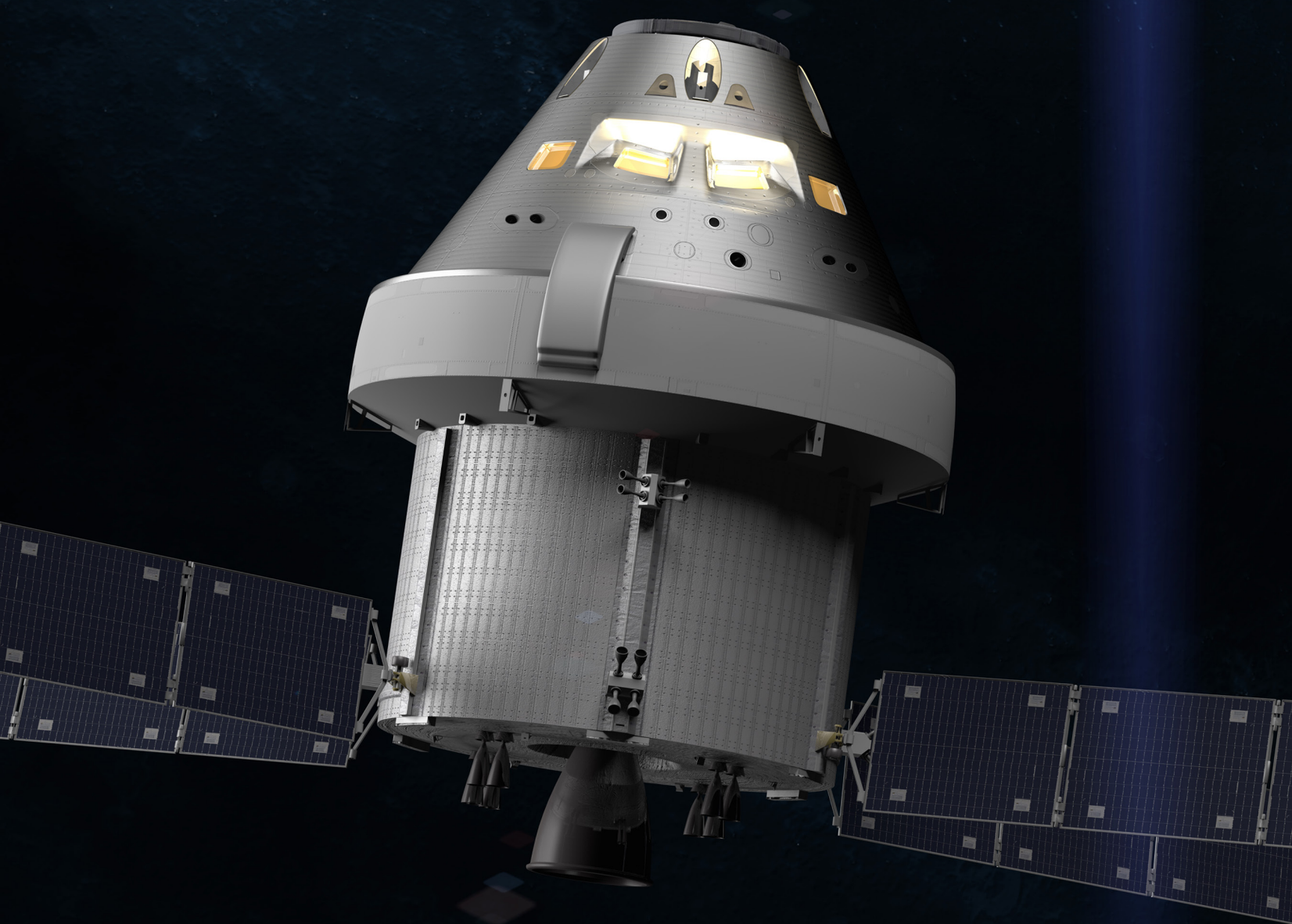
ORION

BUILD IT

TWEET IT

#MYORION

DESKTOP MODEL



www.nasa.gov

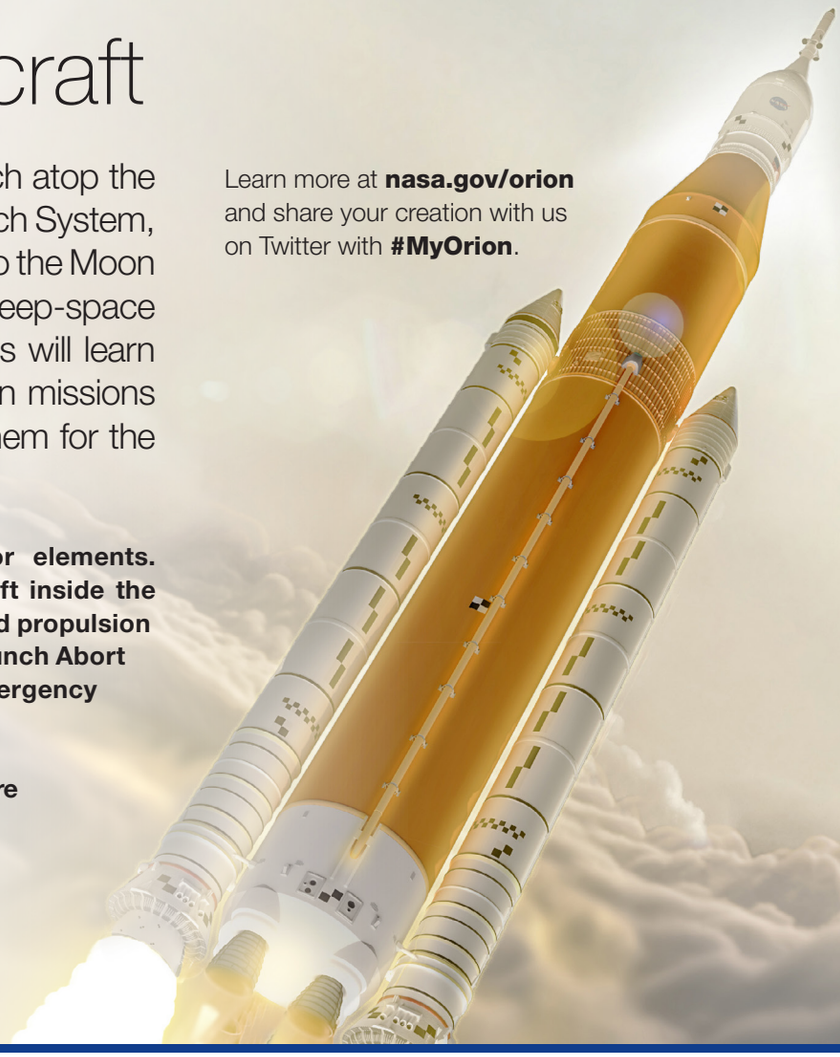
The Orion Spacecraft

Orion is NASA's new spacecraft that will launch atop the world's most powerful rocket, the Space Launch System, to take astronauts on a journey of exploration to the Moon and beyond as it embarks on a series of deep-space missions. Beginning with Artemis I, astronauts will learn to live and work in lunar orbit on long-duration missions lasting weeks and months that will prepare them for the eventual multiyear missions to Mars.

The Orion spacecraft is made up of three major elements. Astronauts will live, work, and control the spacecraft inside the Crew Module. The Service Module provides power and propulsion for Orion as well as air and water for the crew. The Launch Abort System will propel the crew to safety in case of an emergency during launch or ascent.

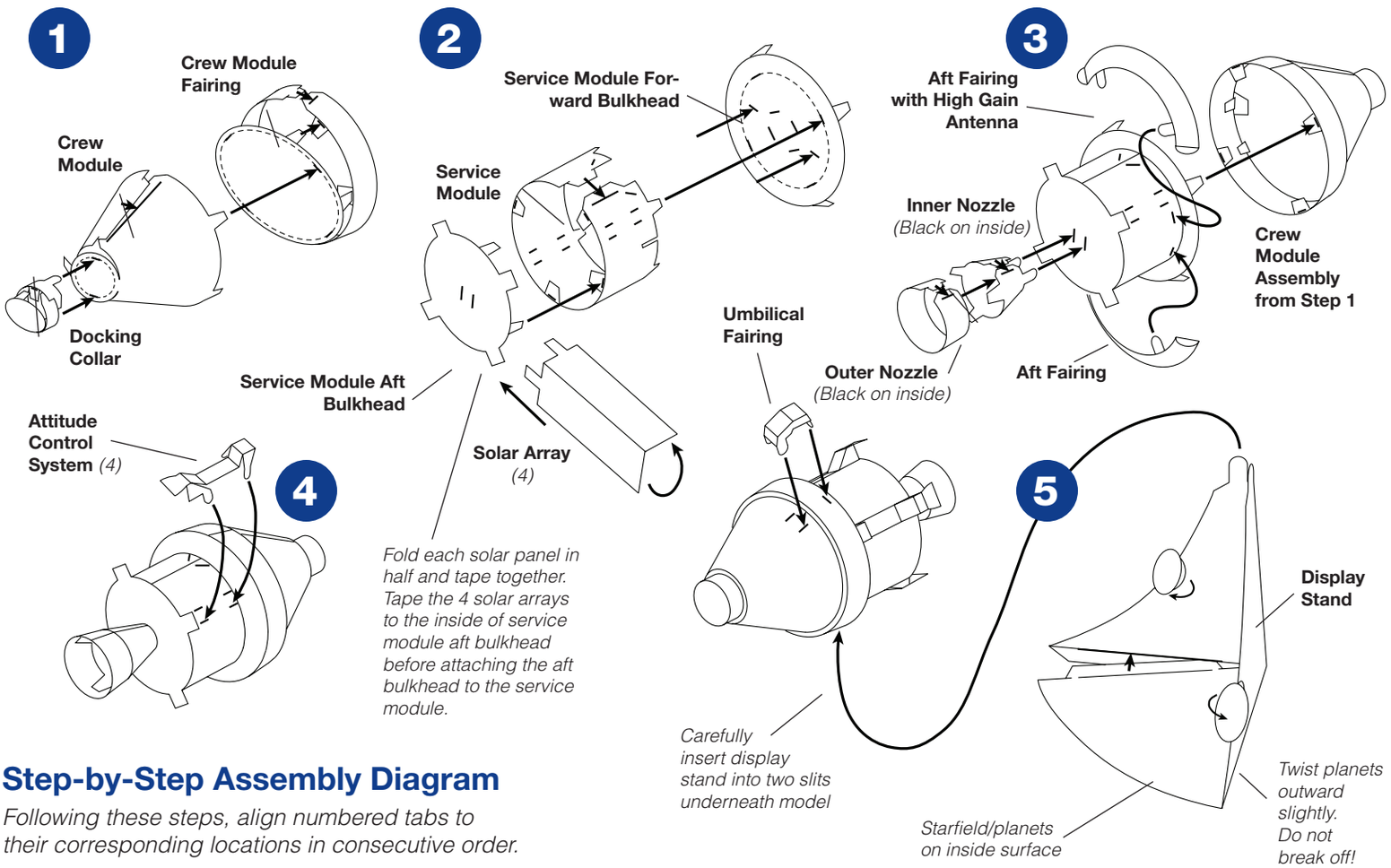
Build your own Orion and join us on our journey to explore around the Moon where astronauts will prepare for missions to other deep space destinations in the future.

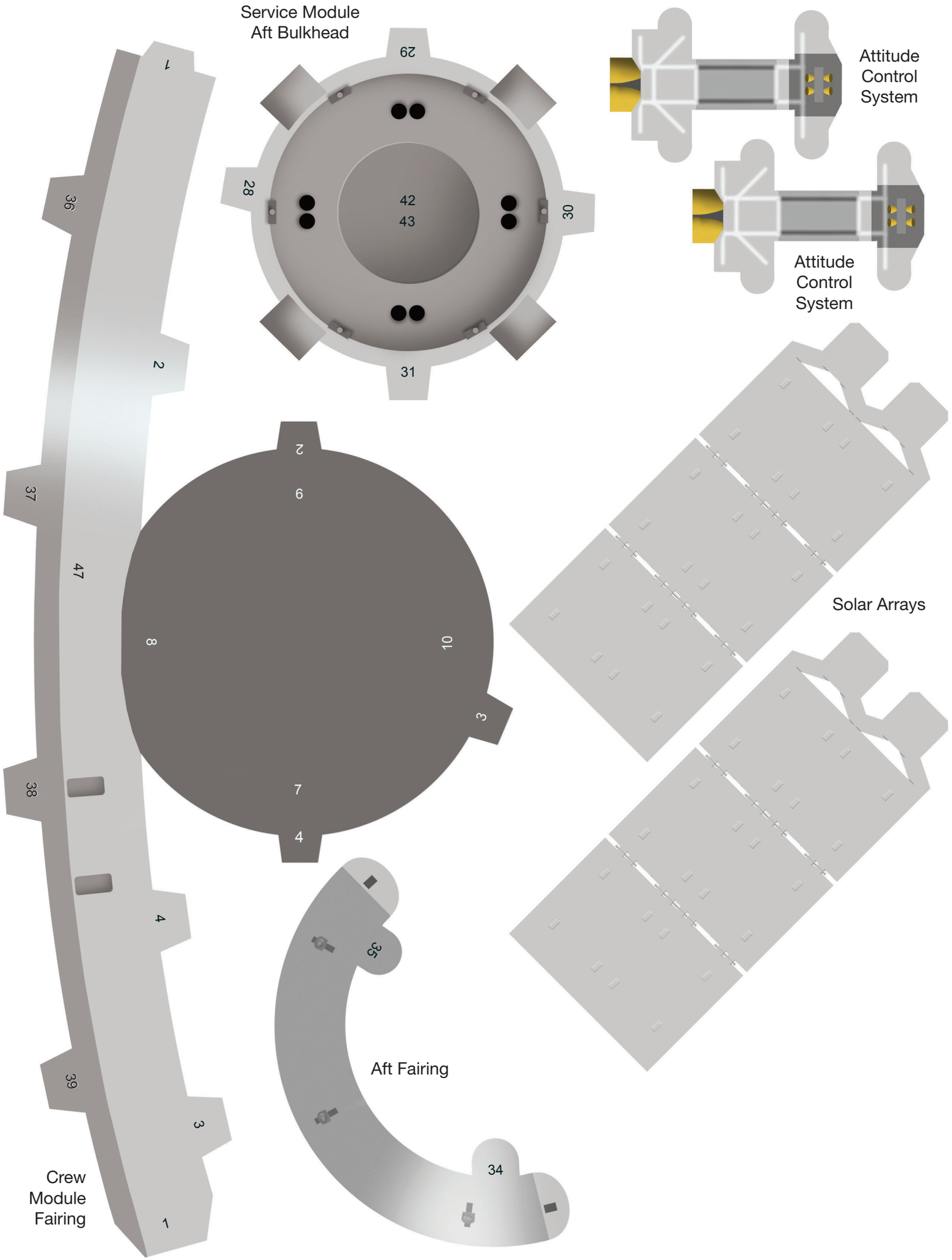
Learn more at **nasa.gov/orion** and share your creation with us on Twitter with **#MyOrion**.

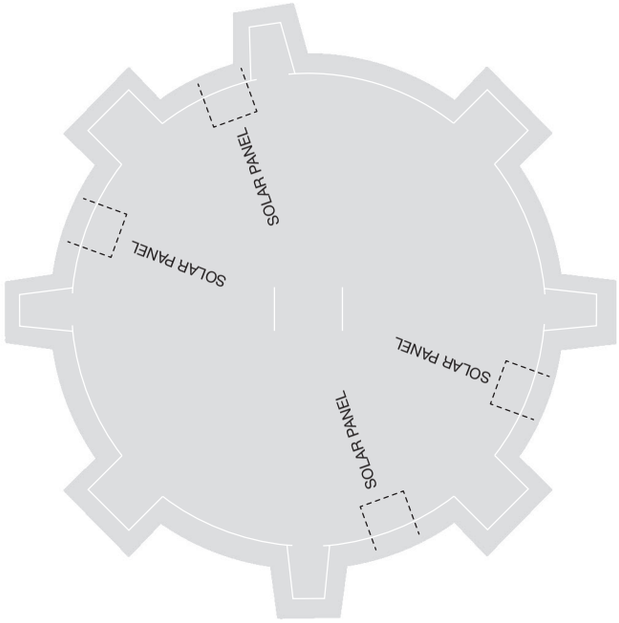


Step-by-Step Assembly Diagram

Following these steps, align numbered tabs to their corresponding locations in consecutive order.




Service Module
Aft Bulkhead
29
28
30
31
42
43
Attitude
Control
System
Attitude
Control
System
Solar Arrays
Aft Fairing
Crew
Module
Fairing
1
2
3
4
7
36
37
38
39
47
2
6
8
10
3
7
4
35
34



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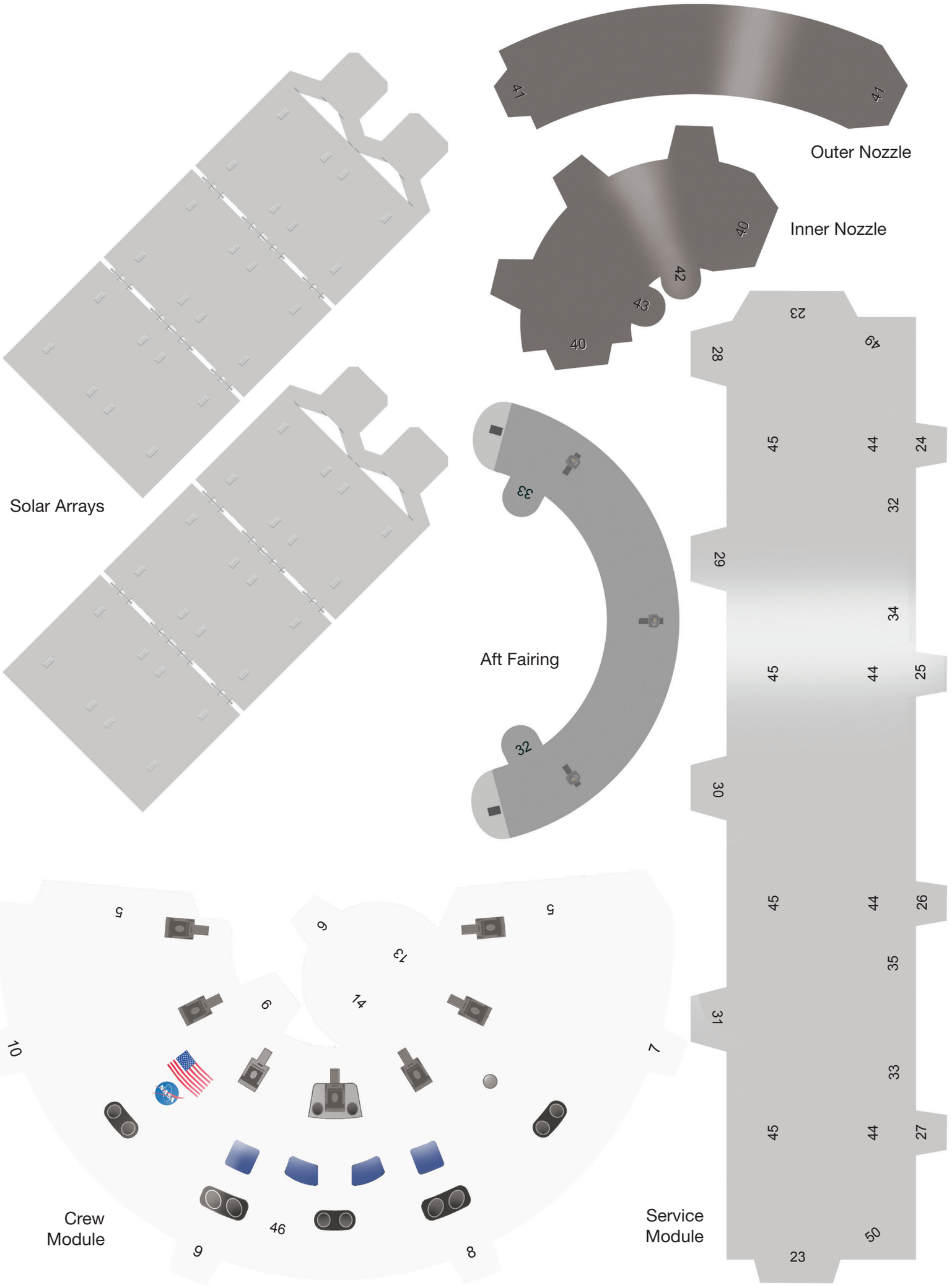
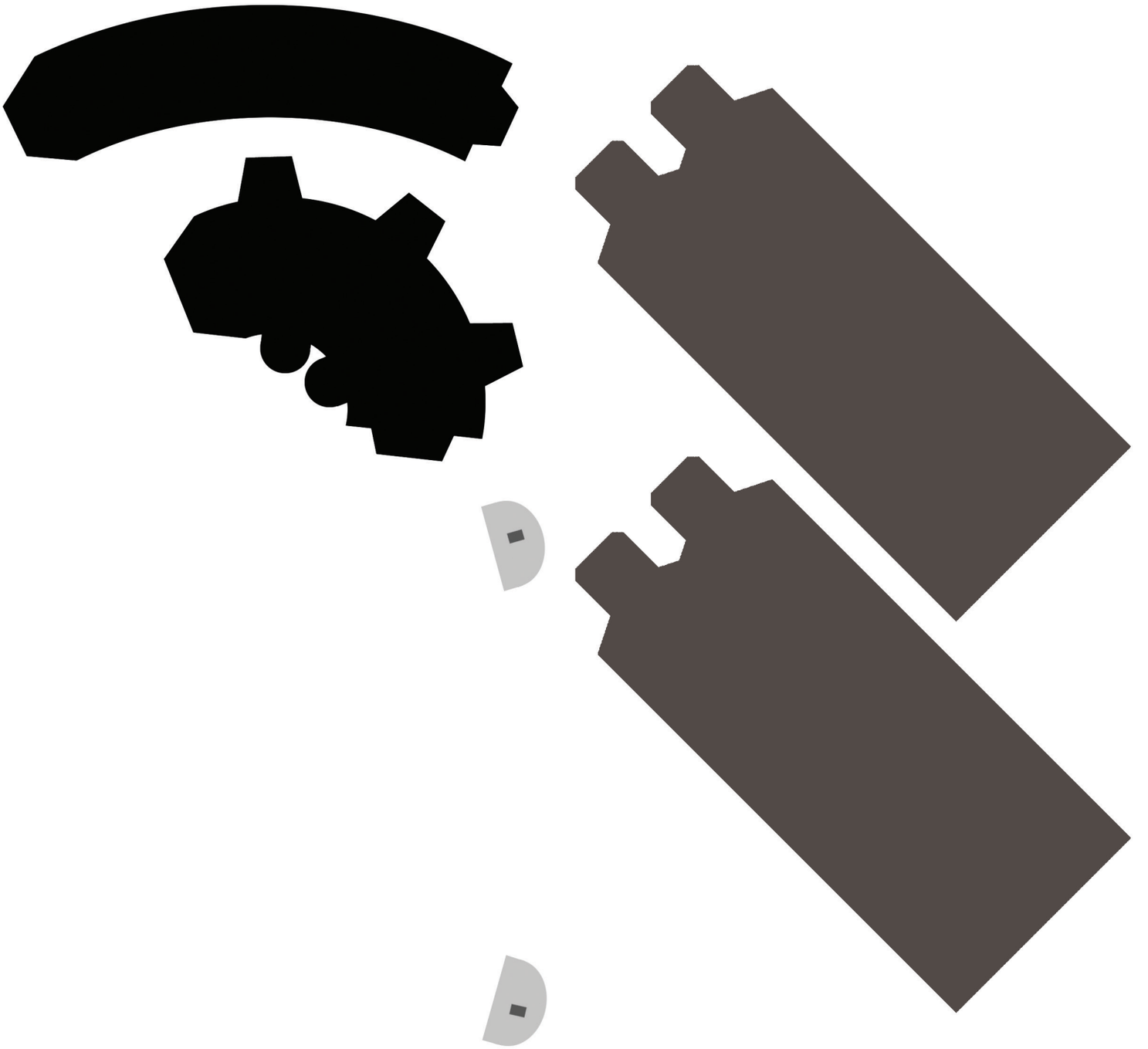
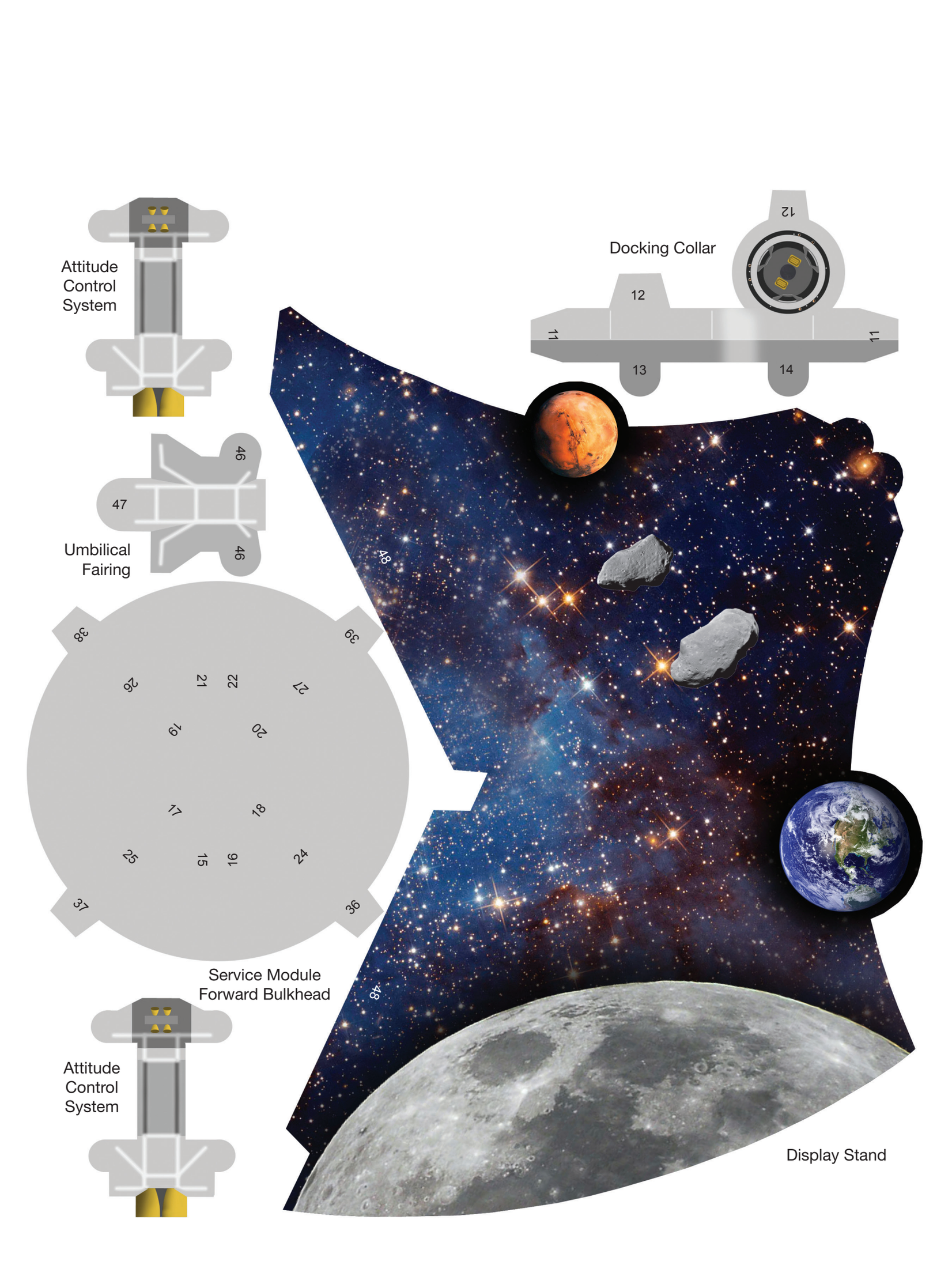

Outer Nozzle
Inner Nozzle
Solar Arrays
Aft Fairing
Crew Module
Service Module




Attitude Control System
Docking Collar
12
12
11
11
13
14
46
47
46
Umbilical Fairing
48
38
39
26
21
22
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17
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25
15
16
42
37
36
Service Module Forward Bulkhead
48
Attitude Control System
Display Stand

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