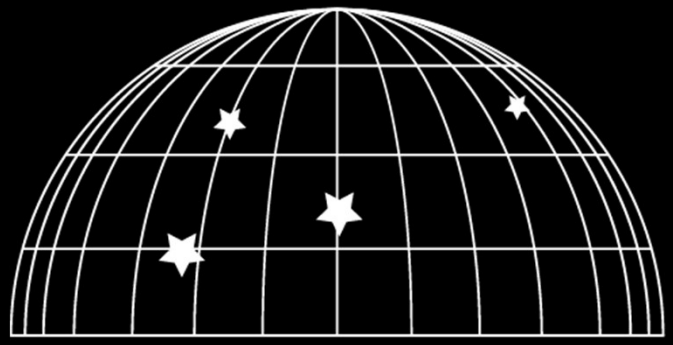
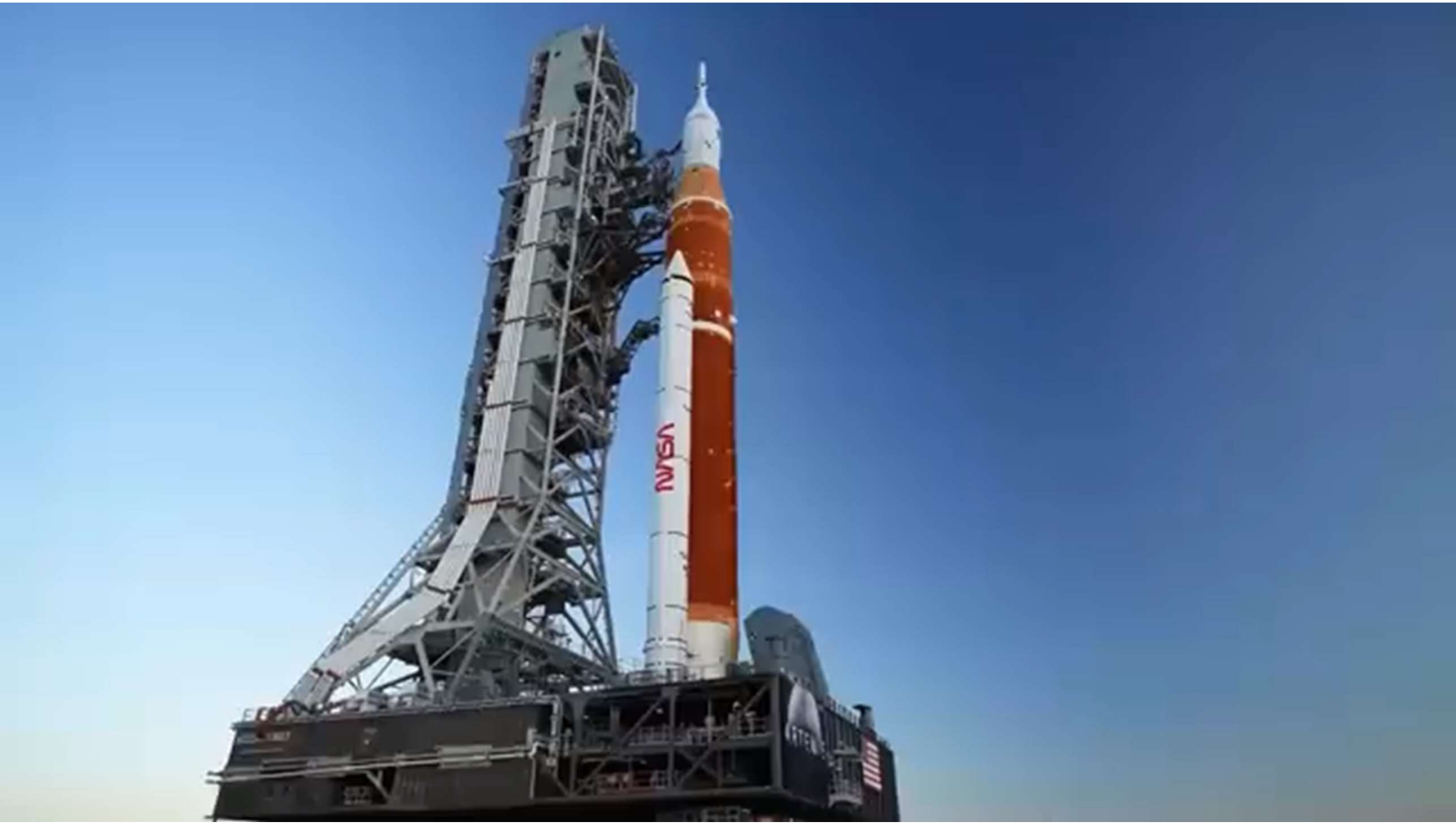
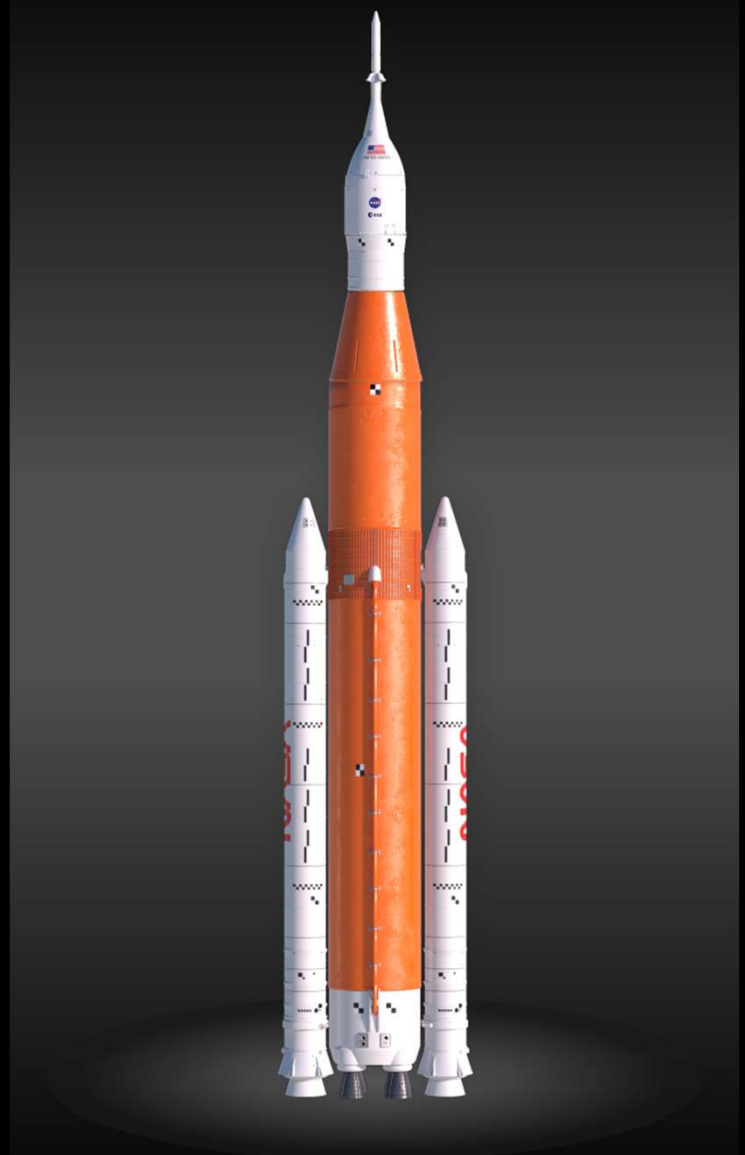


# LOFFICINA
## DEL PLANETARIO


NASA

BACK
TO THE MOON
LOFFICINA
DEL PLANETARIO

# SPACE LAUNCH SISTEM

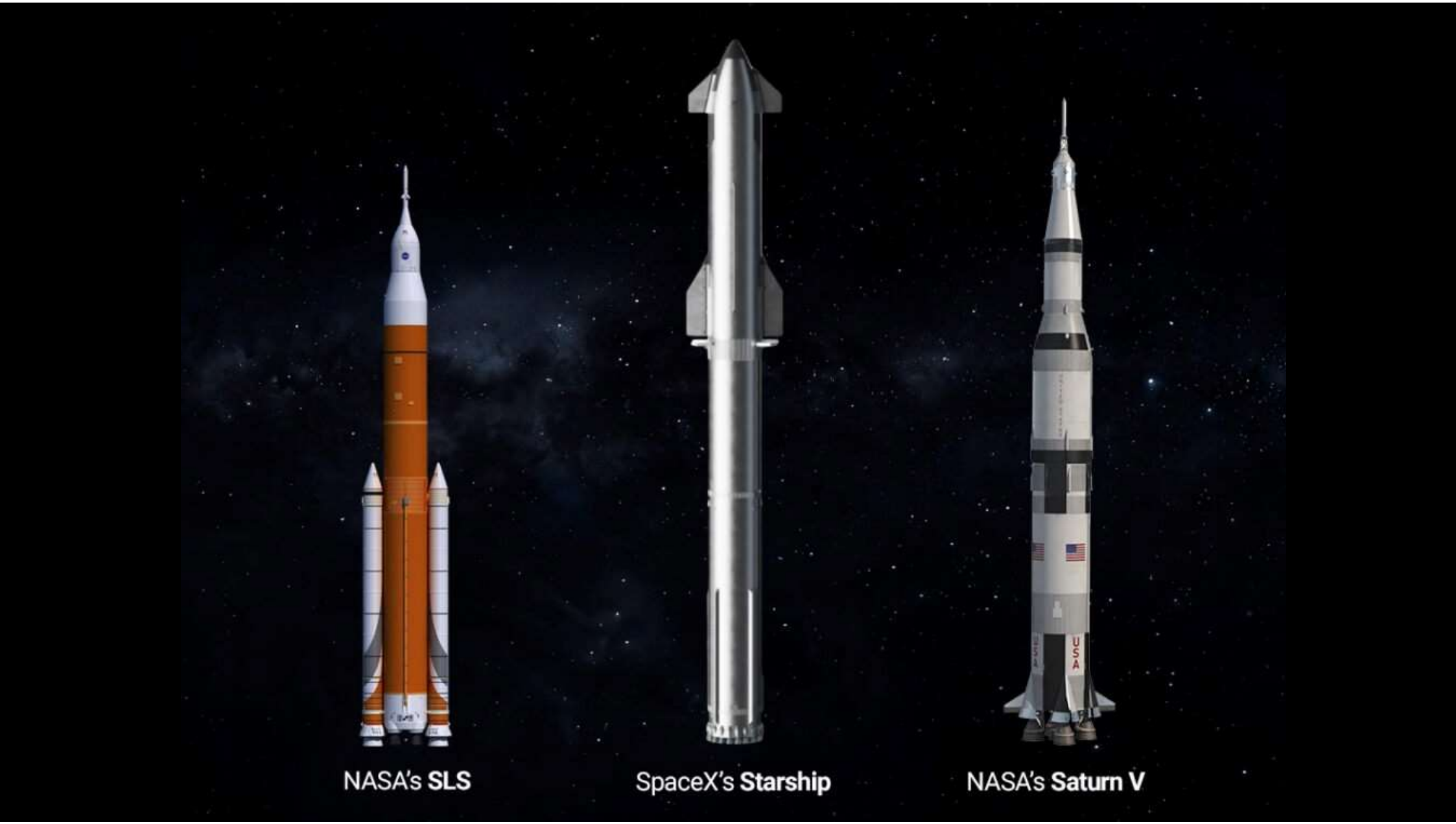


SUPER HEAVY LIFT LAUNCH VEHICLE

**Altezza: 98 m**

**Peso : 2600 t**

**Spinta: 39 MN**


NASA's **SLS**
SpaceX's **Starship**
NASA's **Saturn V**
USA
USA

Balloon goes up
(Reaction)

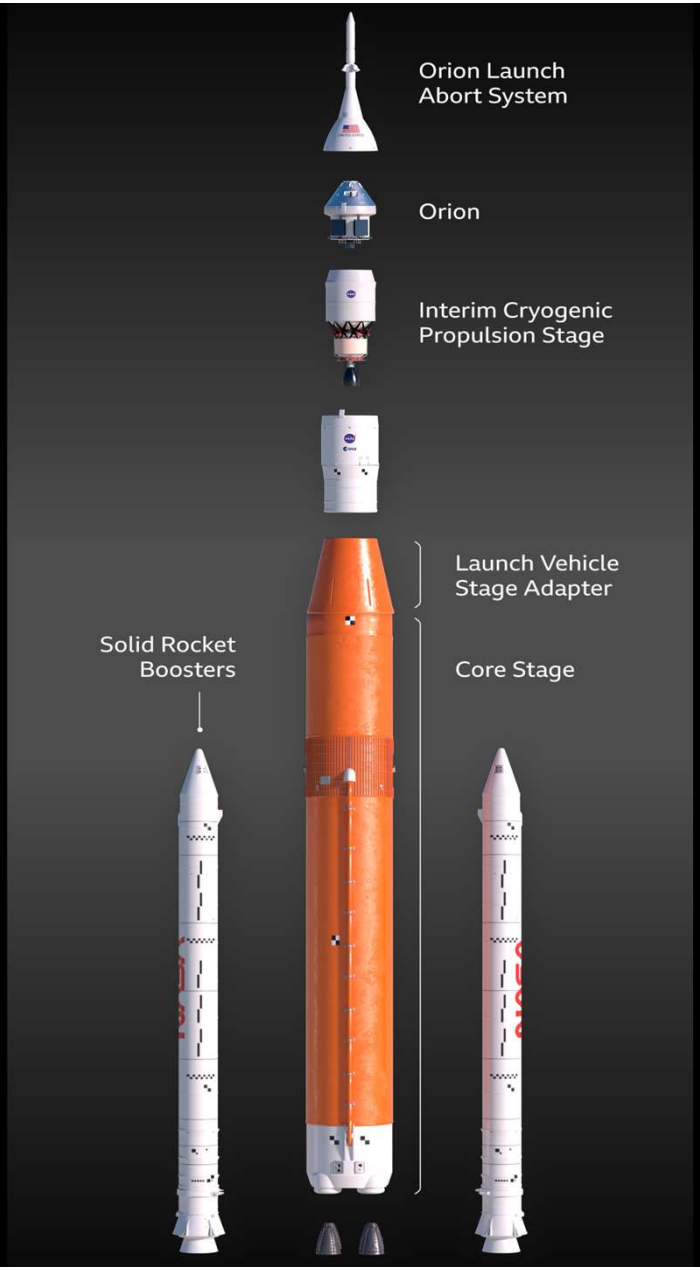
Air goes down
(Action)

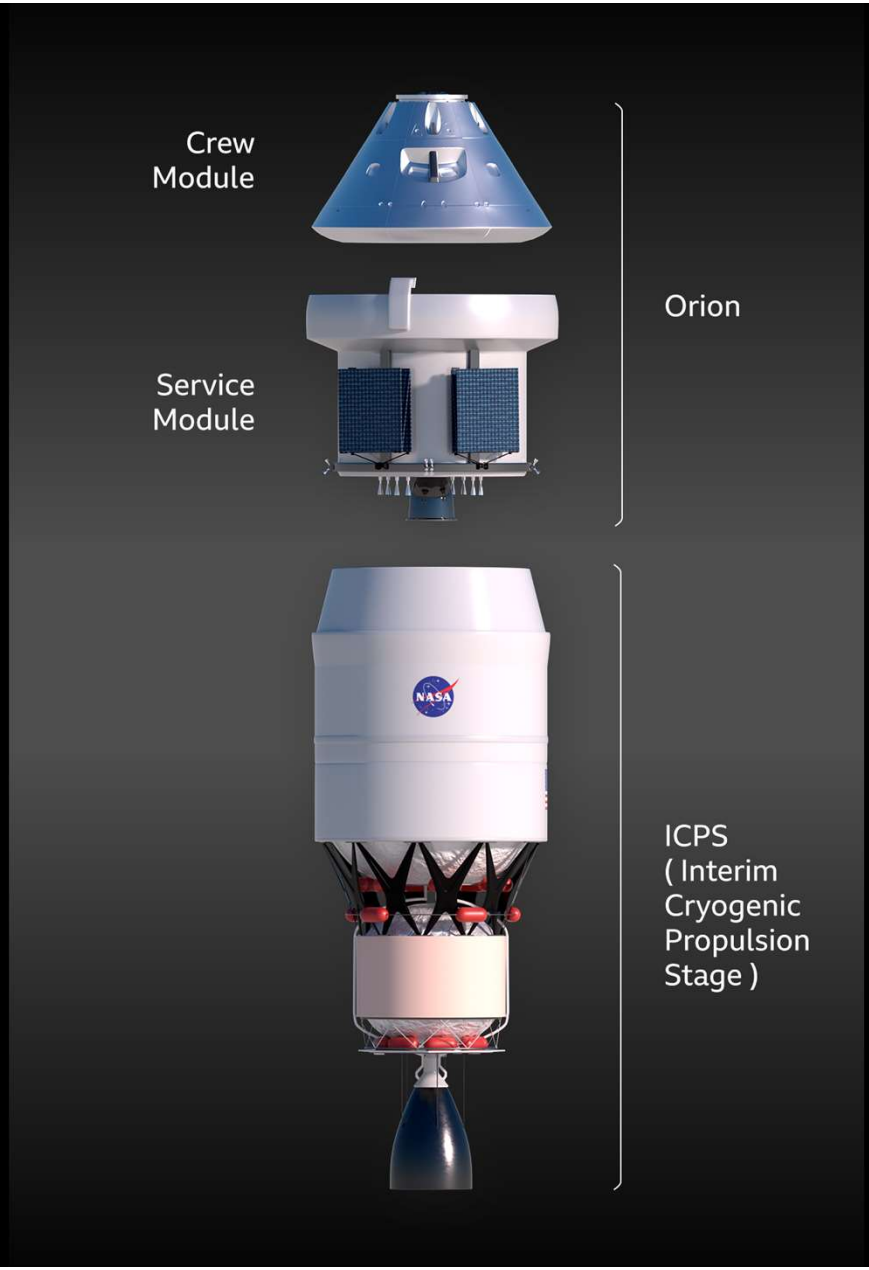
Rocket
moves up

Force on rocket
(reaction)

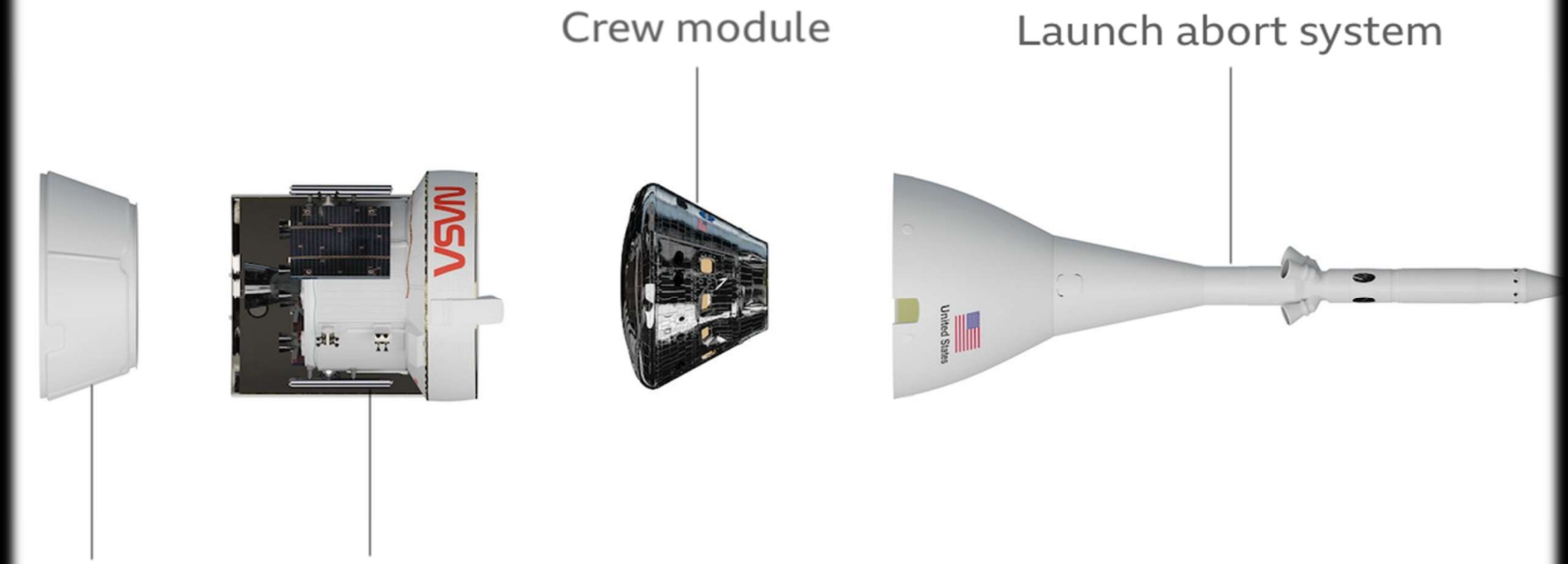
Force on gases
(action)

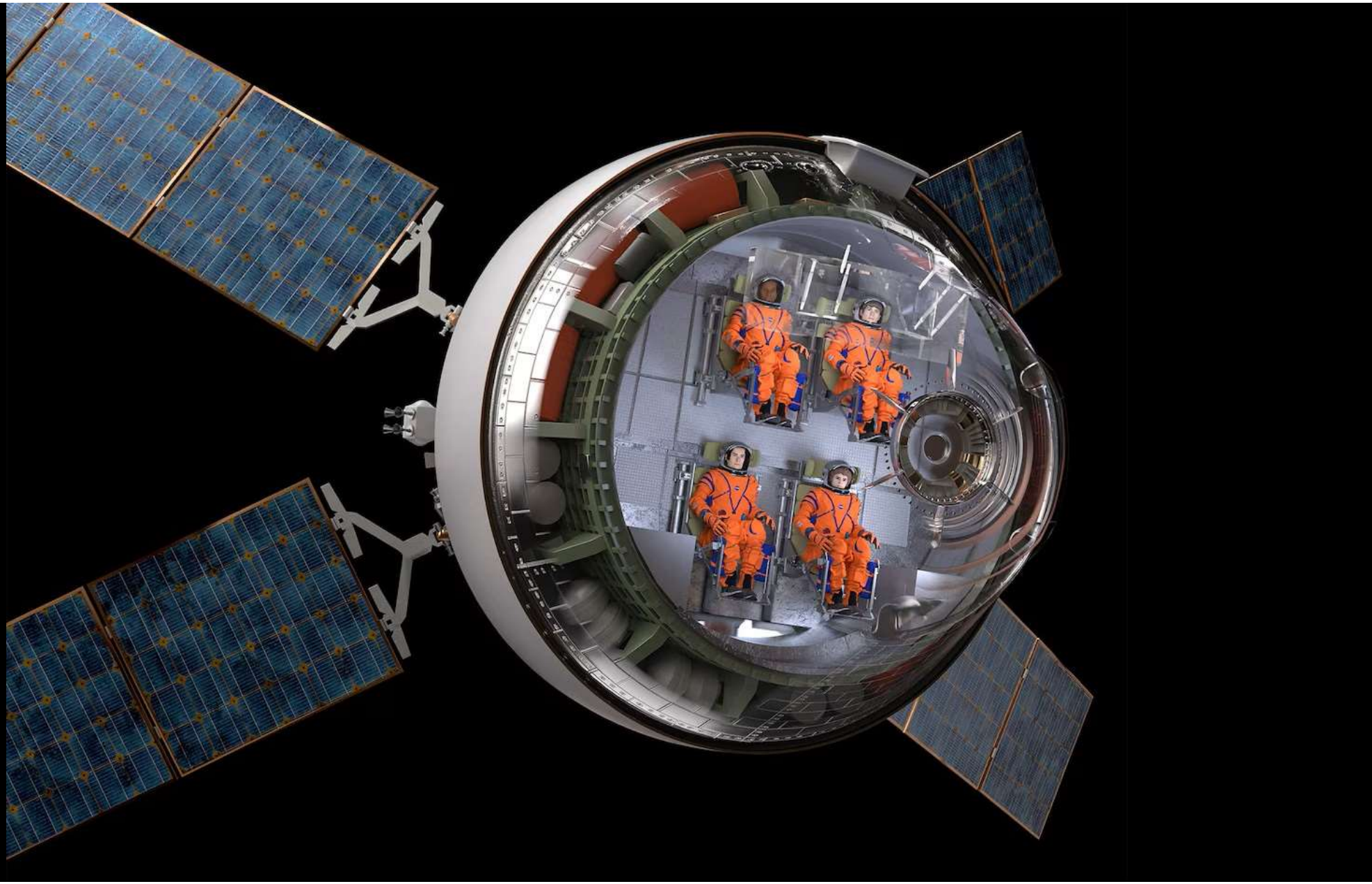
Hot gas comes
out of nozzie


Orion Launch Abort System
Orion
Interim Cryogenic Propulsion Stage
Launch Vehicle Stage Adapter
Core Stage
Solid Rocket Boosters


Crew
Module
Service
Module
Orion
ICPS
( Interim
Cryogenic
Propulsion
Stage )

# Nasa's Orion spacecraft





National Aeronautics and Space Administration

# ARTEMIS II MISSION AVAILABILITY – EARLY 2026

(Subject to Adjustments)

## February 2026

| Mon | Tue | Wed | Thu | Fri | Sat | Sun |
|---|---|---|---|---|---|---|
| | | | | | | 1 |
| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| 23 | 24 | 25 | 26 | 27 | 28 | |

## March 2026

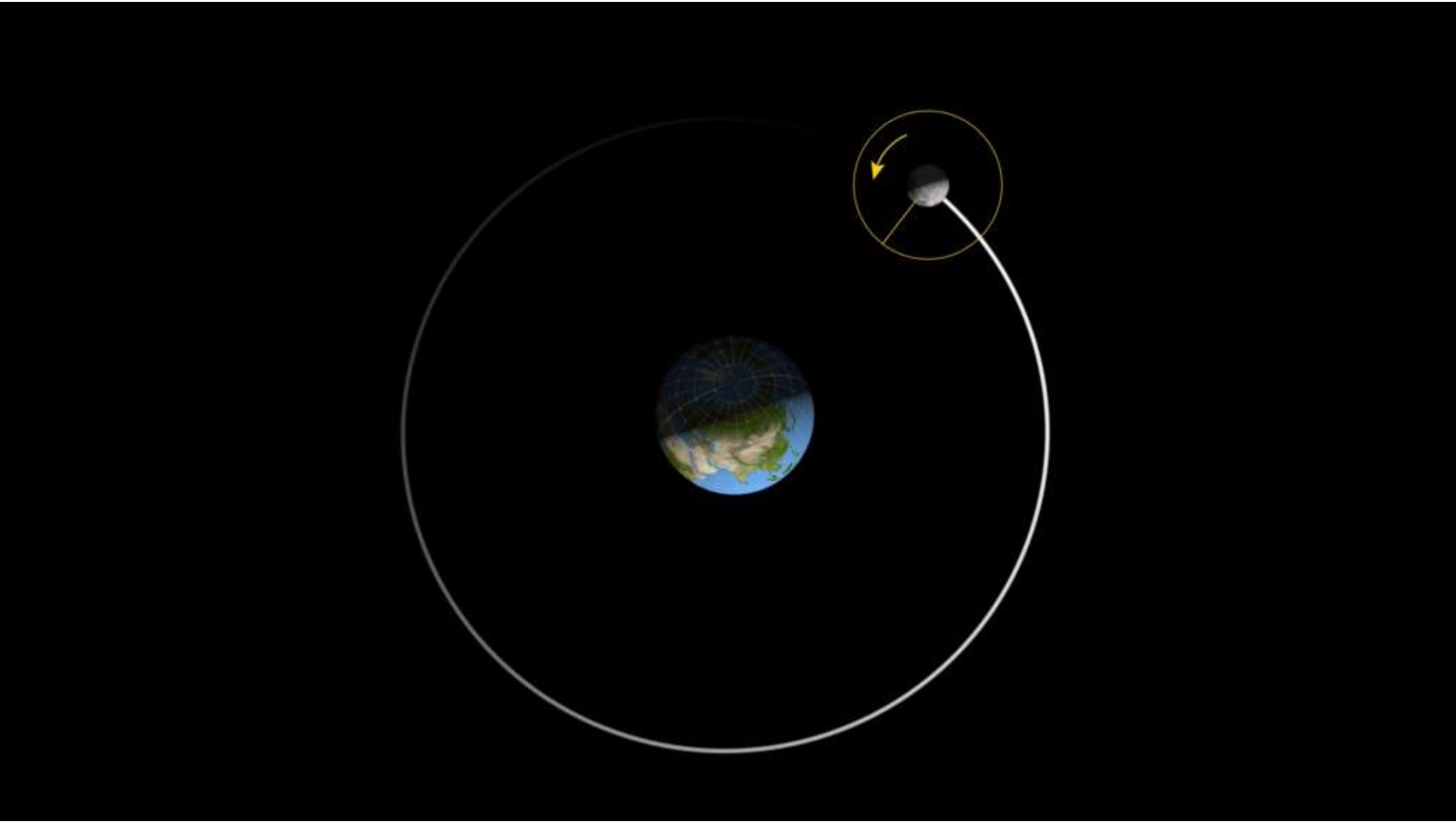
| Mon | Tue | Wed | Thu | Fri | Sat | Sun |
|---|---|---|---|---|---|---|
| | | | | | | 1 |
| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| 30 | 31 | | | | | |

## April 2026

| Mon | Tue | Wed | Thu | Fri | Sat | Sun |
|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 |
| 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| 27 | 28 | 29 | 30 | | | |

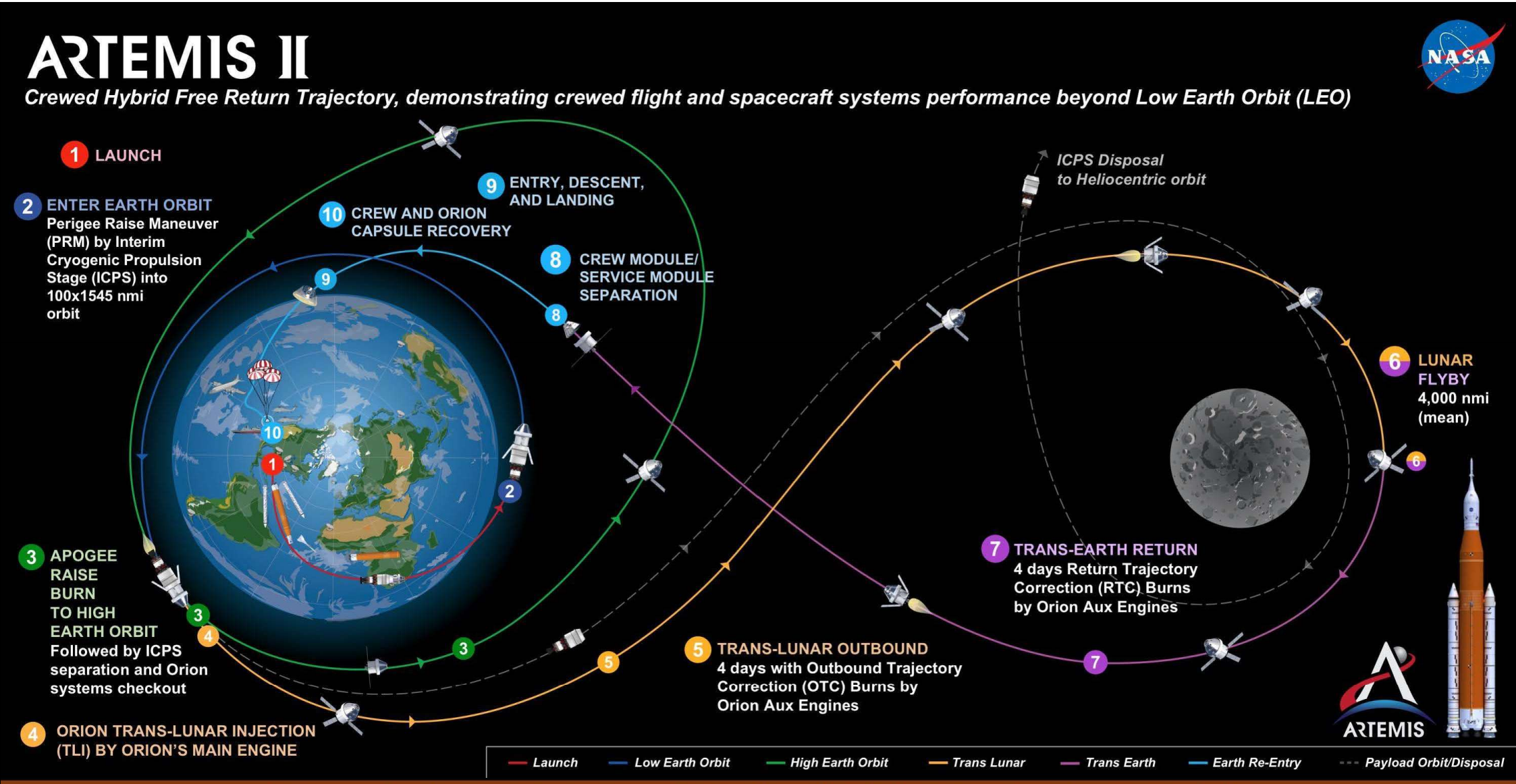
**Calendar Legend**

Mission Available



# ARTEMIS II

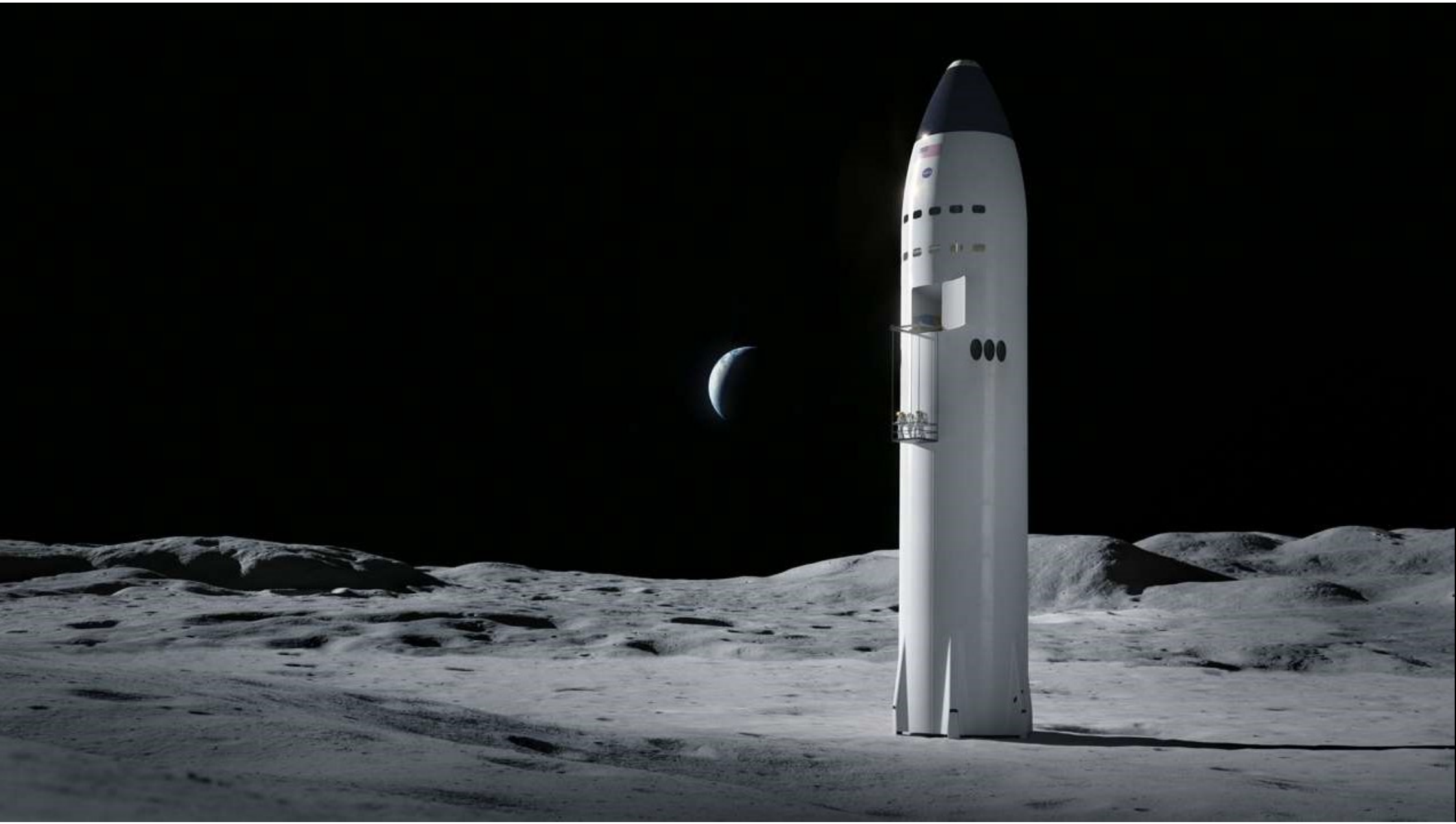
*Crewed Hybrid Free Return Trajectory, demonstrating crewed flight and spacecraft systems performance beyond Low Earth Orbit (LEO)*

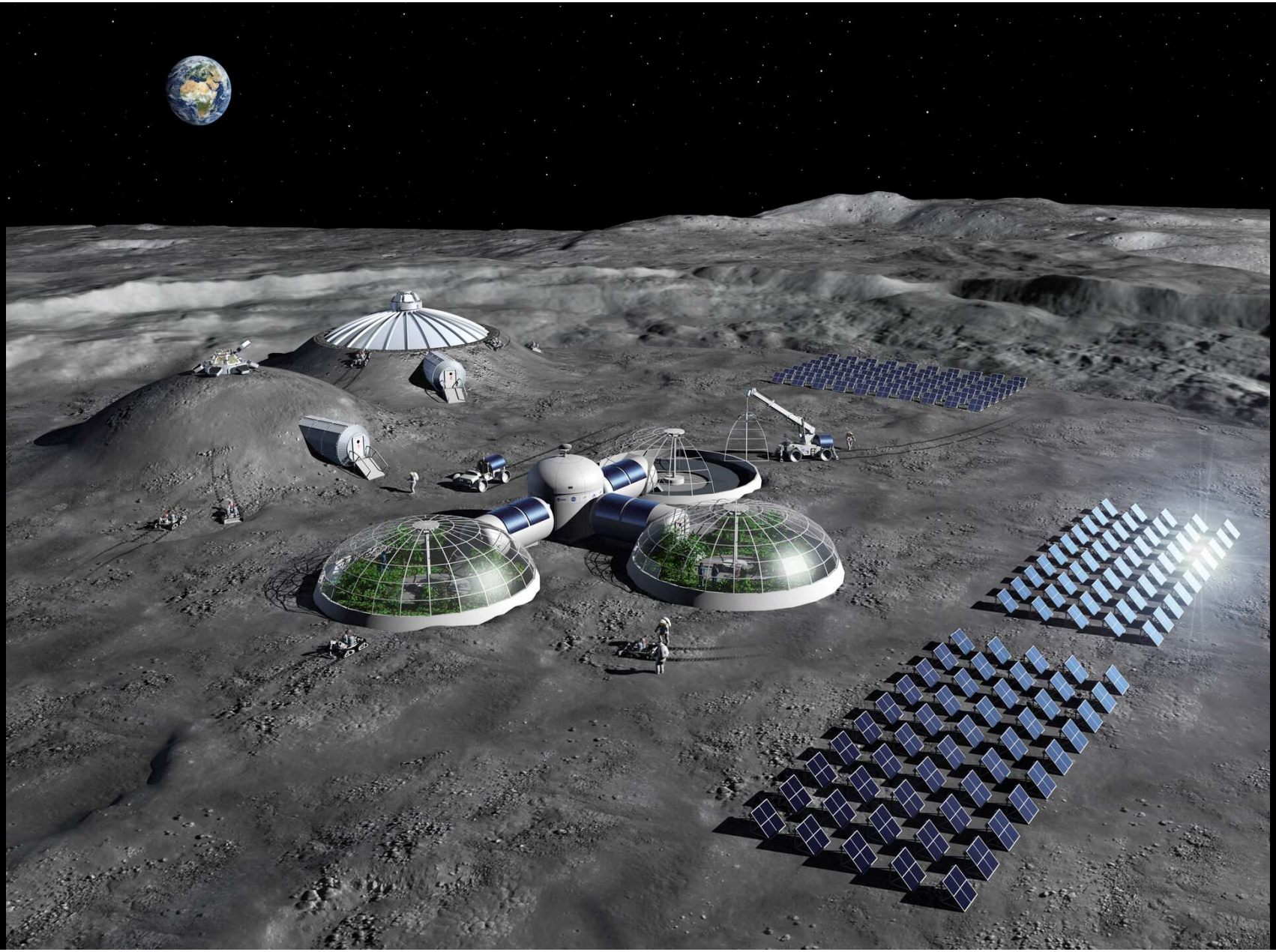


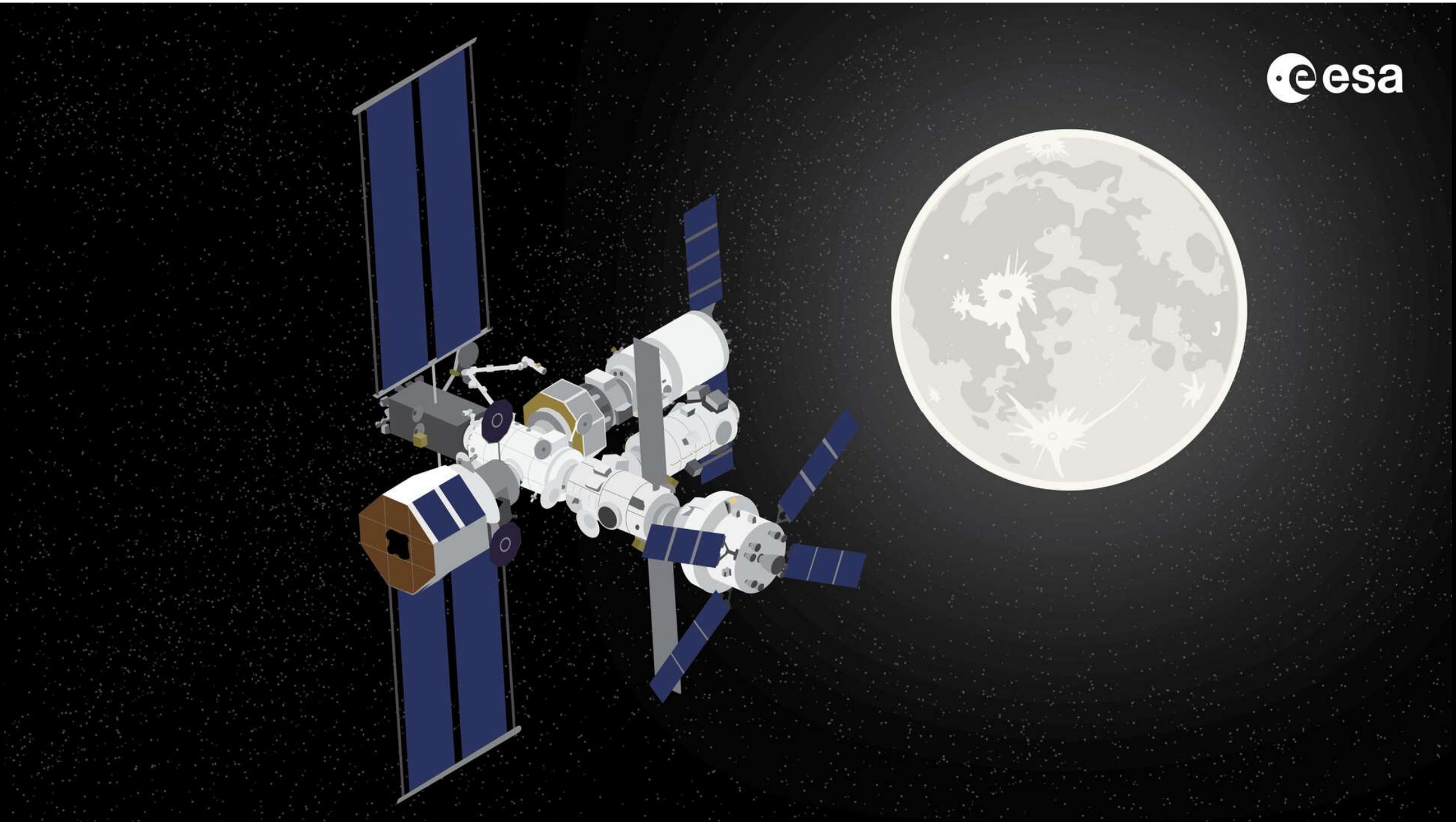

*SLS Configuration (Block 1) with Human Rated ICPS | 15x1200 nmi (27.8x2222.4 km) insertion orbit | 28.5 deg inclination*

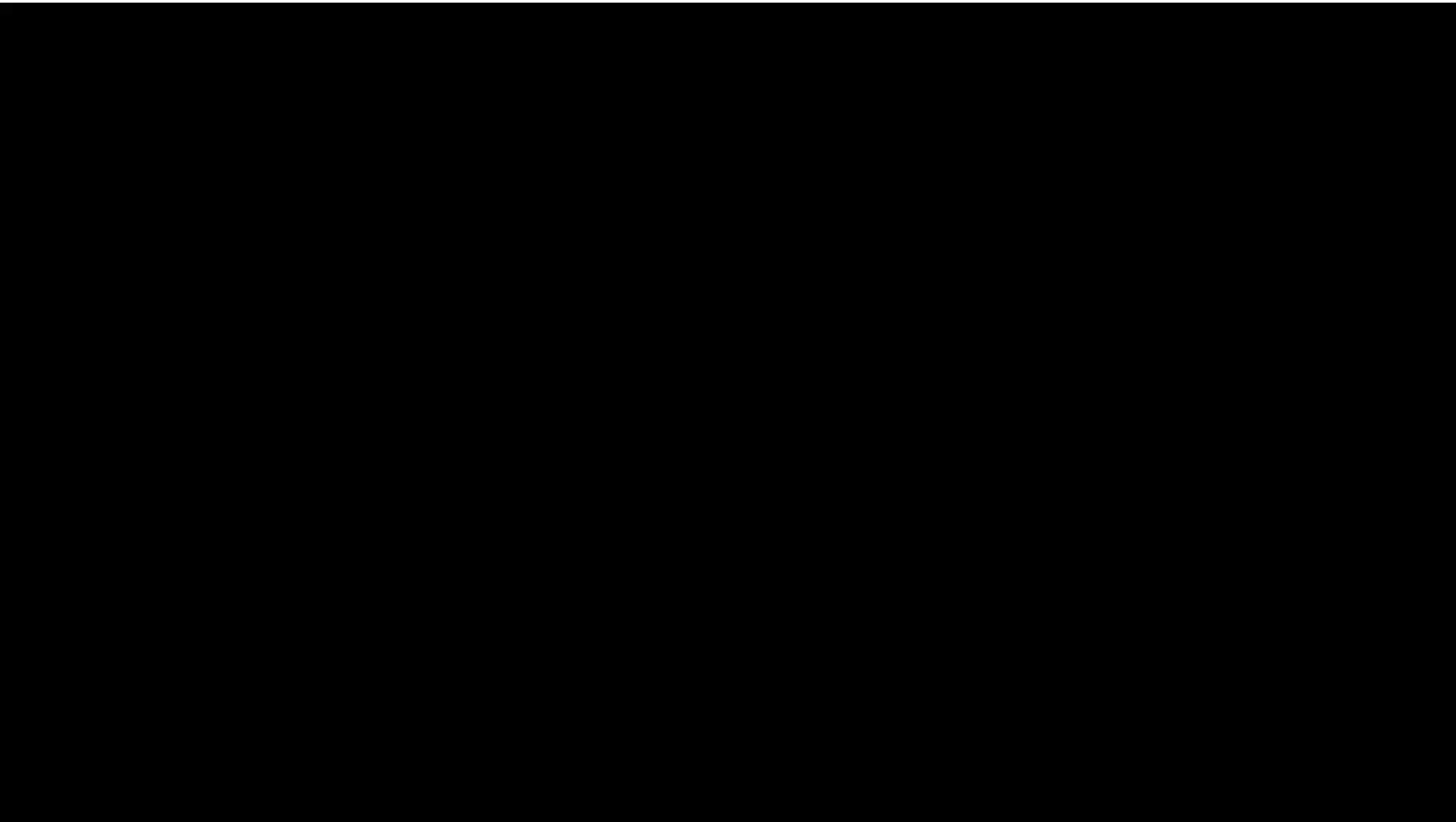
4 astronauts | Mission duration: 10 Days | Re-entry speed: 24,500 mph (Mach 32)

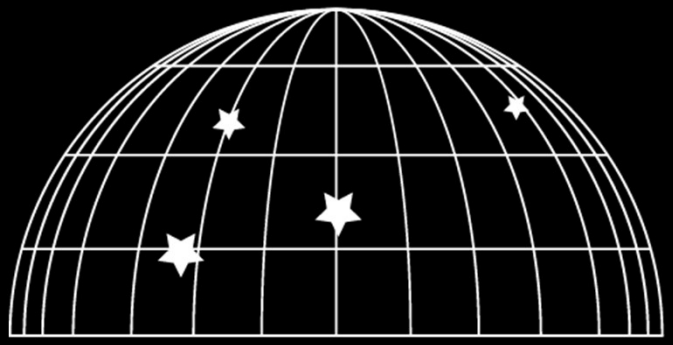
NASA






esa





# L'OFFICINA DEL PLANETARIO

Vi ringrazia
e vi aspetta in Planetario