

Kdo získá skalp Měsíce ve 21. století?

Tomáš Příbyl
tomas.pribyl@seznam.cz
www.hvezdarna.cz



Hvězdárna
a planetárium
Brno

5. ledna



17. ledna



11. února



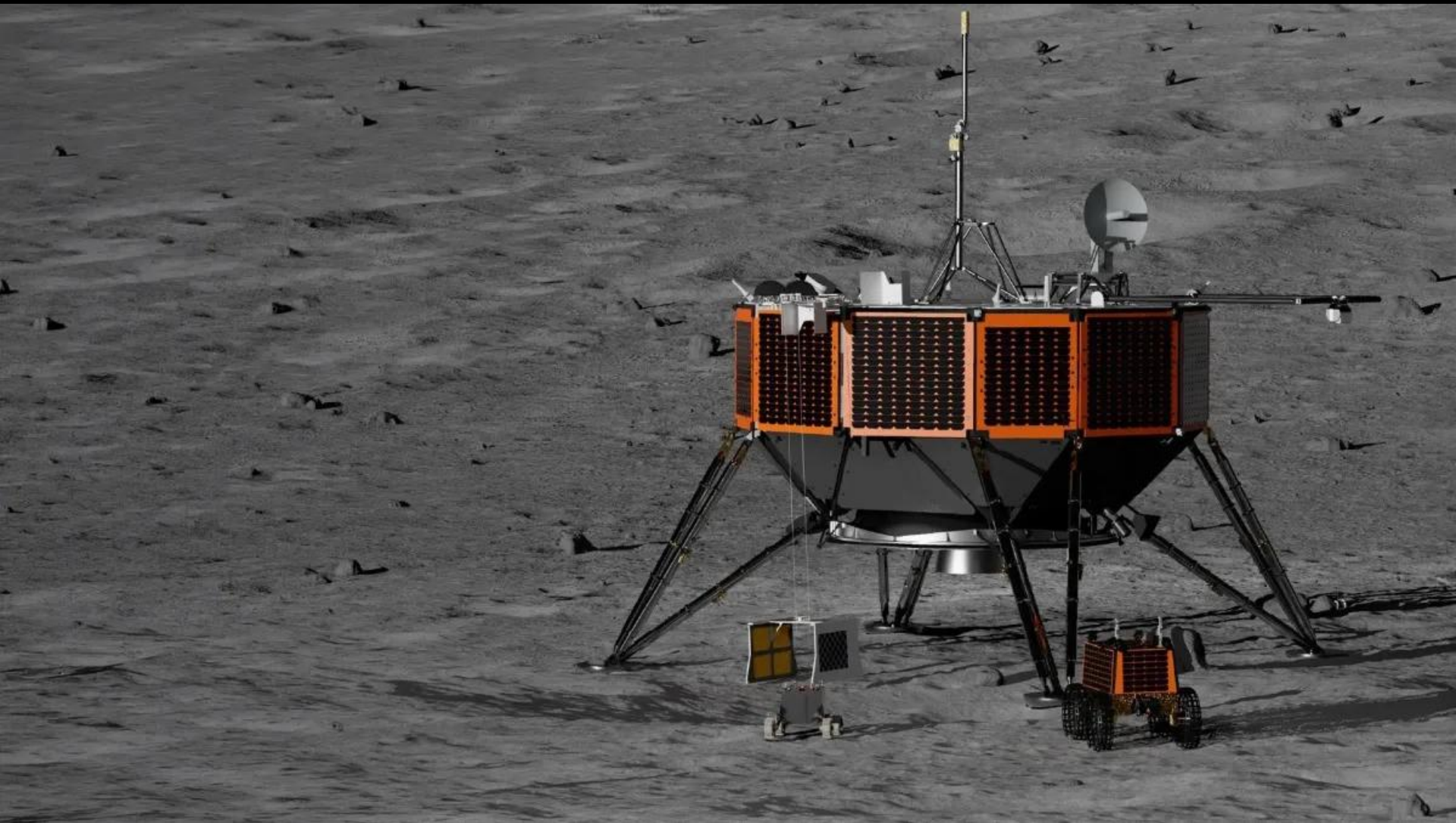
27. února



24. března



29. března



31. března



Agenzia ANSA ✓

@Agenzia_Ansa



[Show translation](#)

Un astronauta italiano camminerà sulla Luna. Grazie all'accordo Italia-Usa firmato oggi a Washington [#ANSA](#)



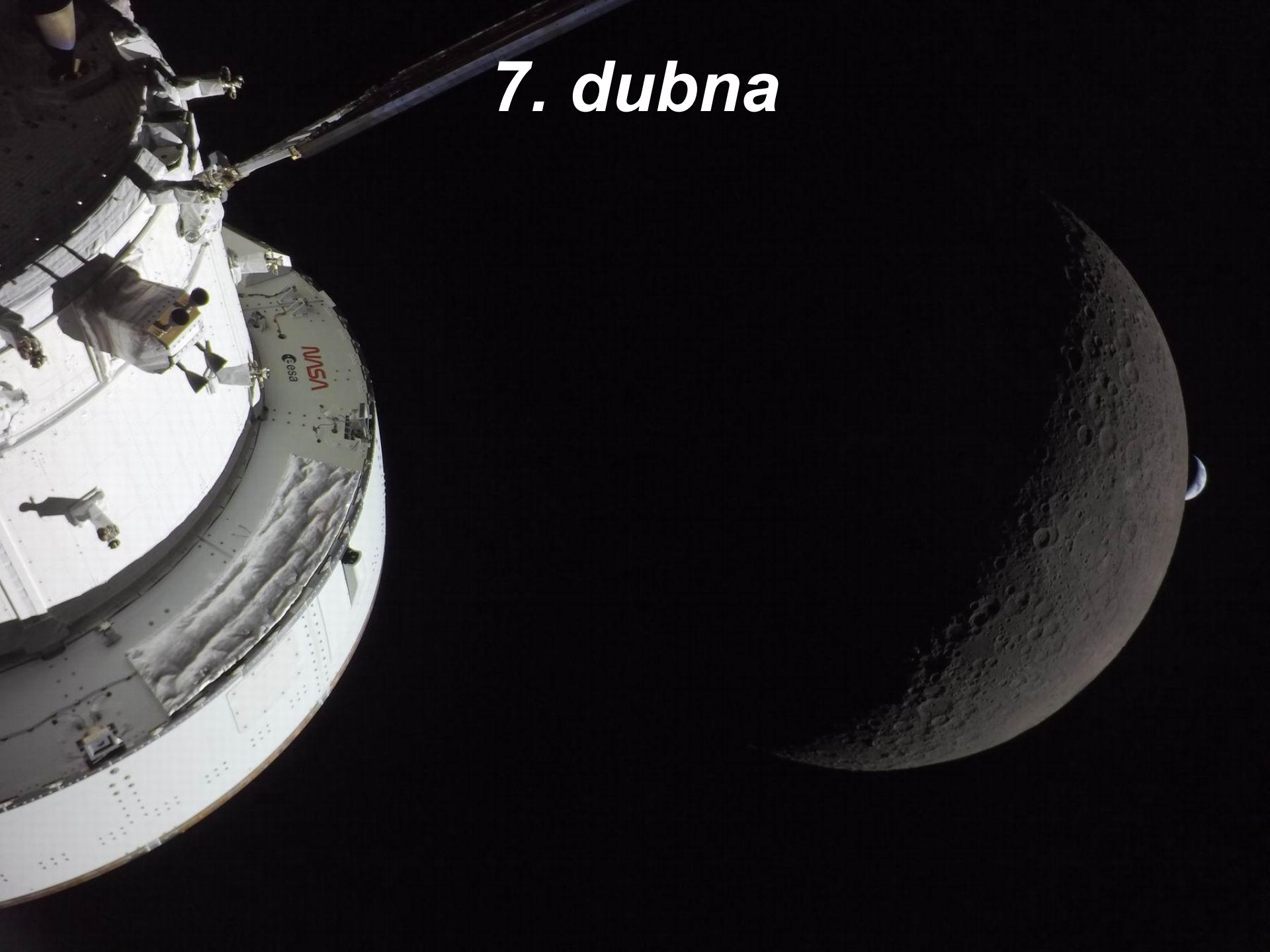
From [ansa.it](#)

3:32 PM · Mar 31, 2026 · **23.6K** Views

1. dubna



7. dubna



10. dubna



11. dubna



27. dubna



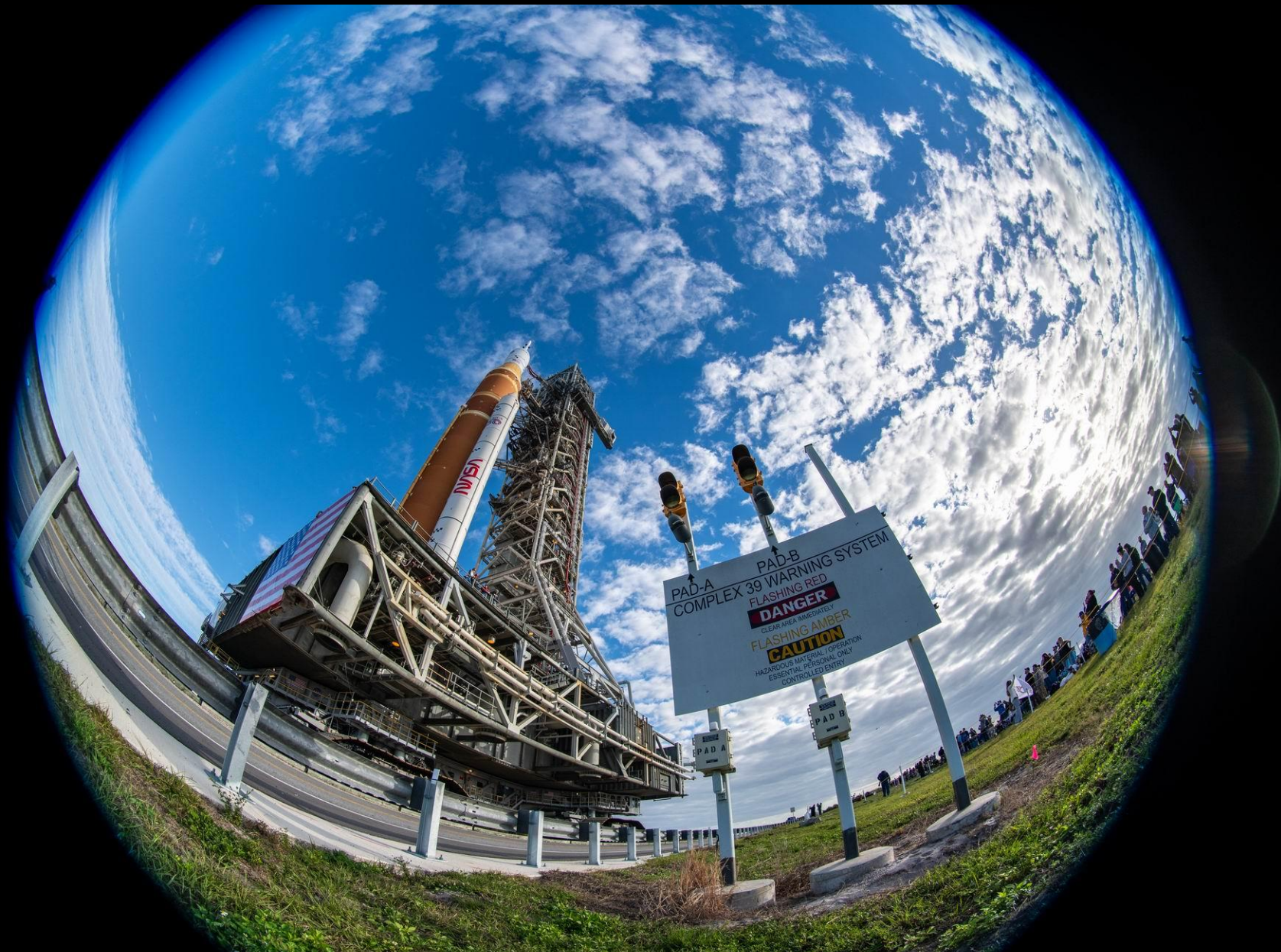
28. dubna



Aby to vypadalo lépe...



25. února



27. února



24. března



3. dubna

White House again proposes steep NASA budget cuts

by Jeff Foust April 3, 2026



Updated 7:45 p.m. with additional details and reactions.

WASHINGTON — For the second consecutive year, the White House is proposing a major budget cut for NASA that would significantly reduce the agency's science programs and International Space Station operations.

The White House Office of Management and Budget released April 3 **a top-level budget proposal for fiscal year 2027**. That proposal included \$18.8 billion for NASA, a 23% reduction from what the



Stellar Dispatch

[all dispatches >>](#)

28. dubna





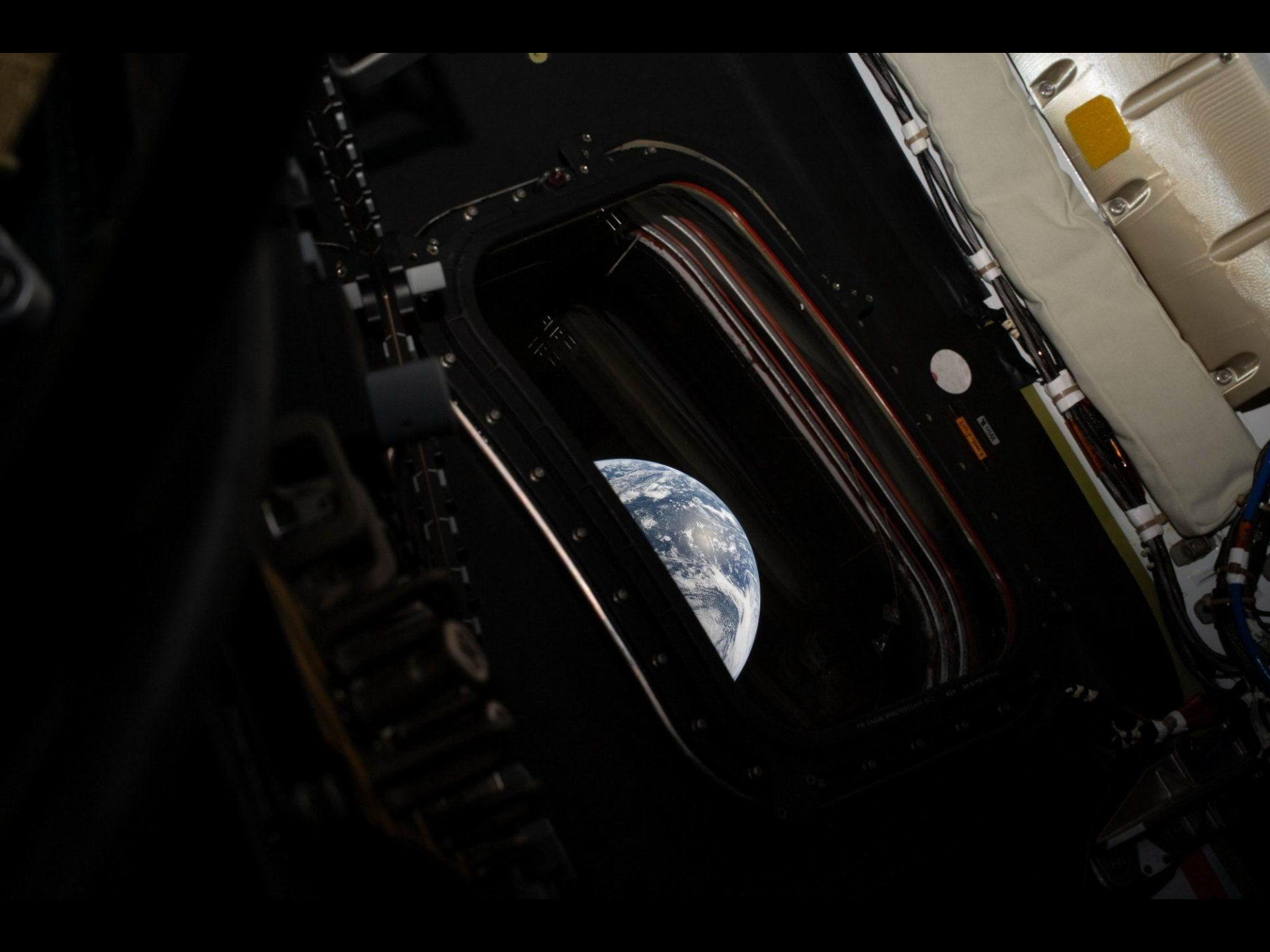
A close-up photograph of a boot print in sand. The print is oriented vertically and features a series of horizontal ridges at the top and bottom. In the center of the print, the words "MADE IN CHINA" are embossed in a bold, sans-serif font. The sand is light-colored and contains small, dark pebbles. The lighting creates shadows that emphasize the texture of the sand and the ridges of the boot print.

**MADE IN
CHINA**



ARTEMIS **LET'S GO!** GEORGE LASKO

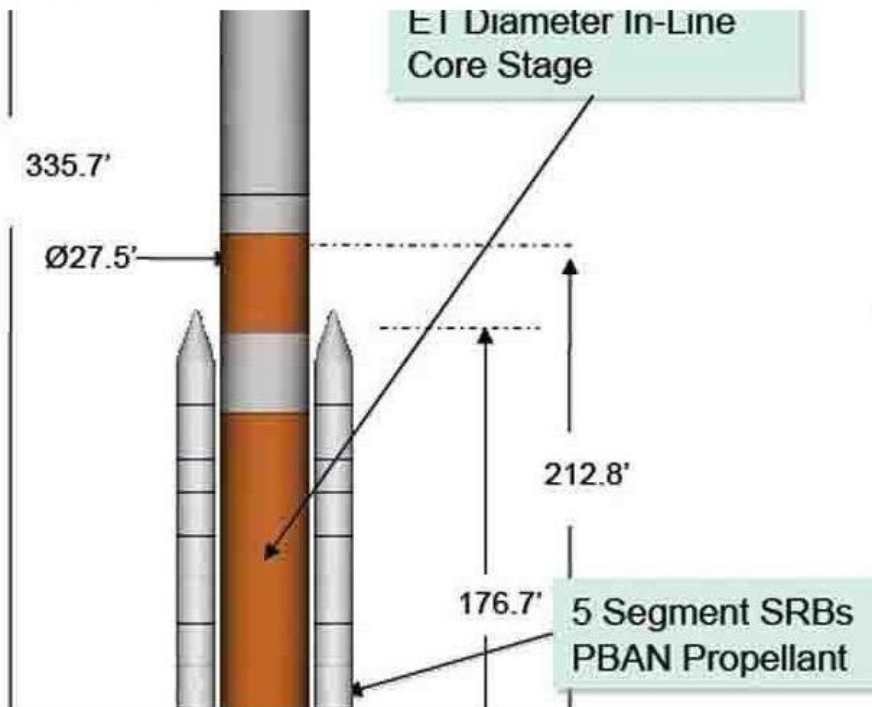




SLS (Space Launch System) Senator Launch System

Boeing: SLS Rocket Work Needed To Avert Layoffs

by Peter B. de Selding — April 1, 2011



Shuttle/Ares derived heavy-lift launcher design. Credit: NASA concept

PARIS and WASHINGTON — Boeing will be laying off some 800 employees this summer unless NASA immediately agrees to incorporate the company's work on the canceled Ares rocket program into the agency's planned heavy-lift rocket mandated by Congress, the head of Boeing's space exploration division said March 31.







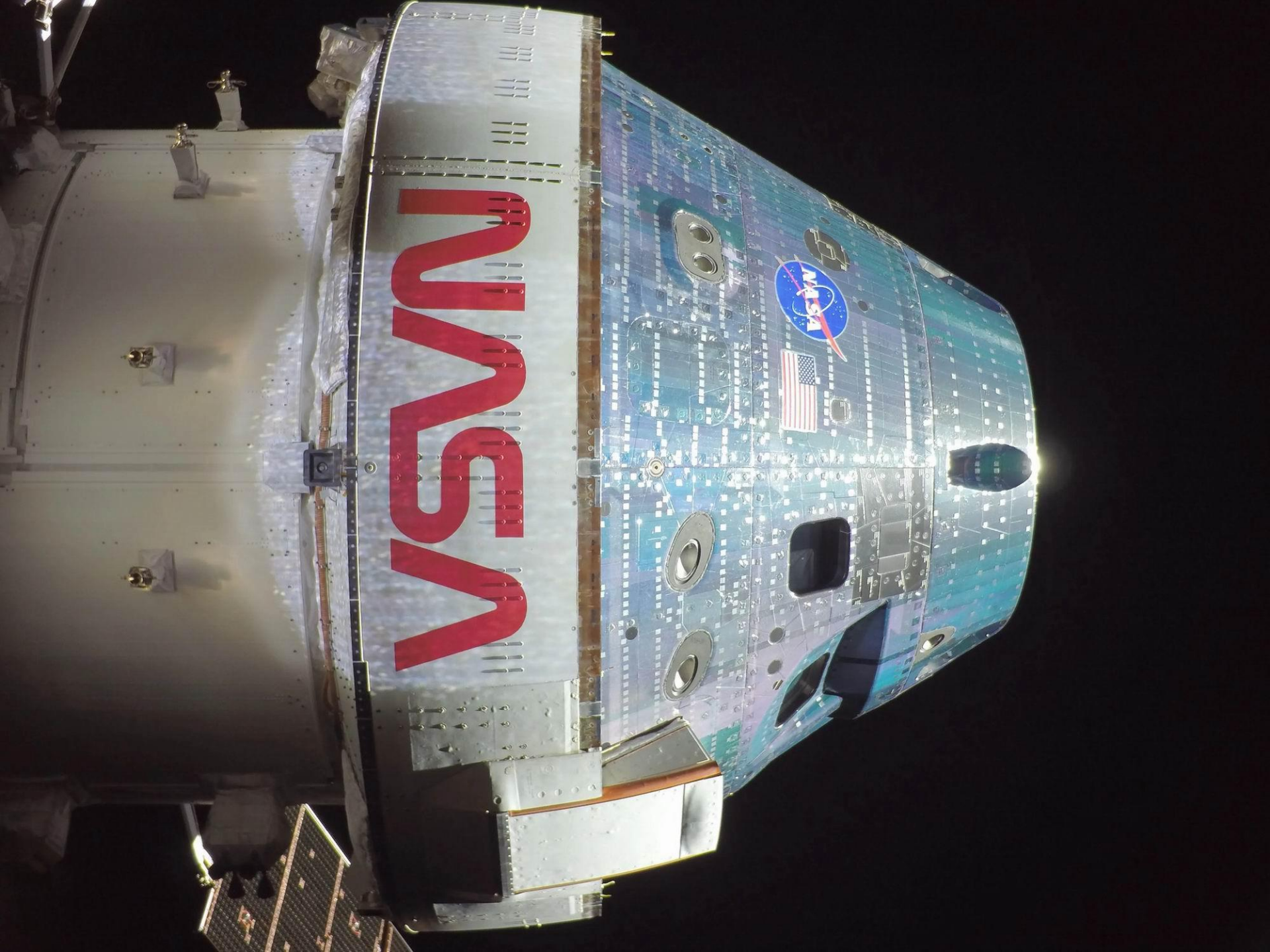








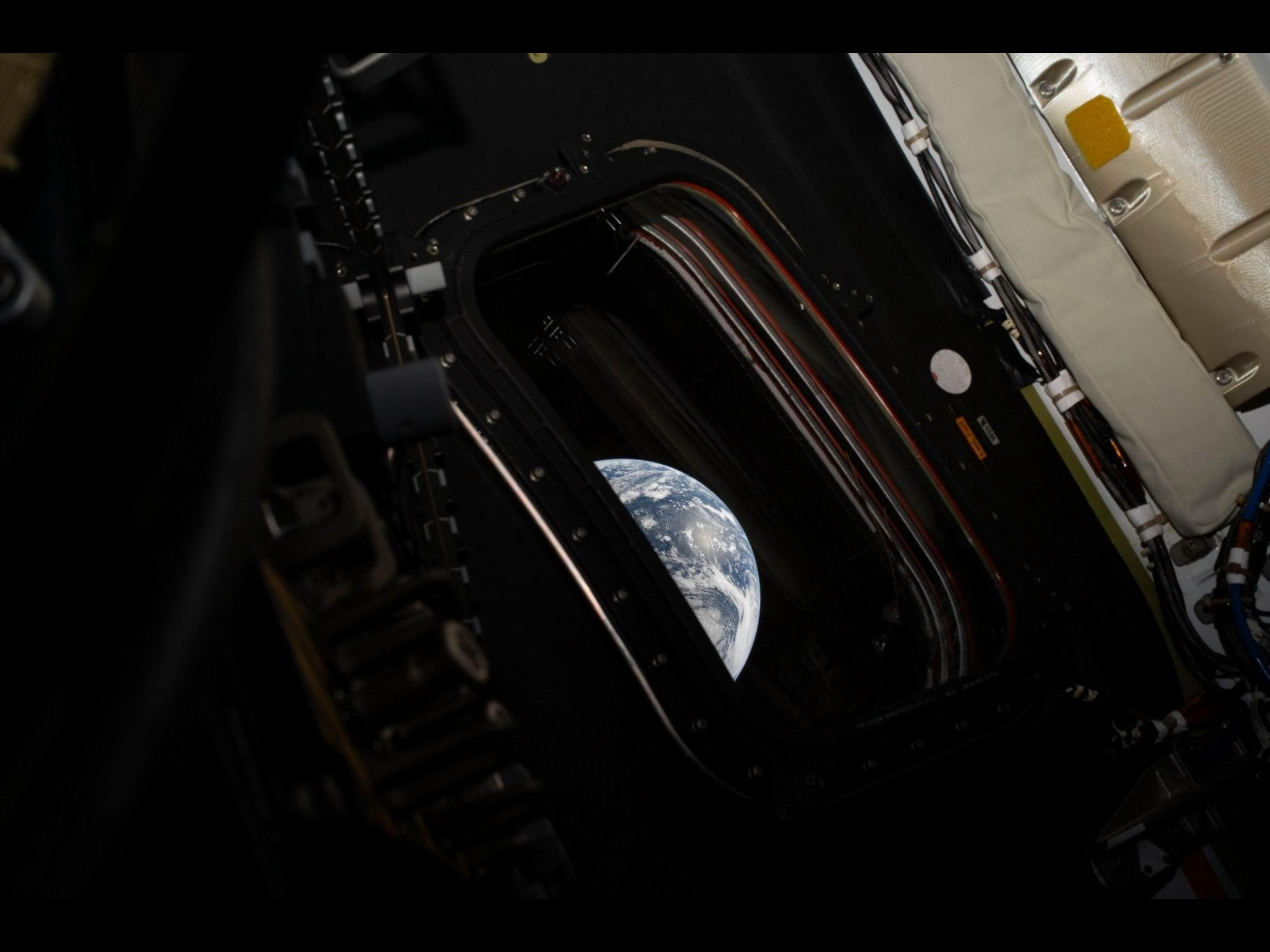




NASA













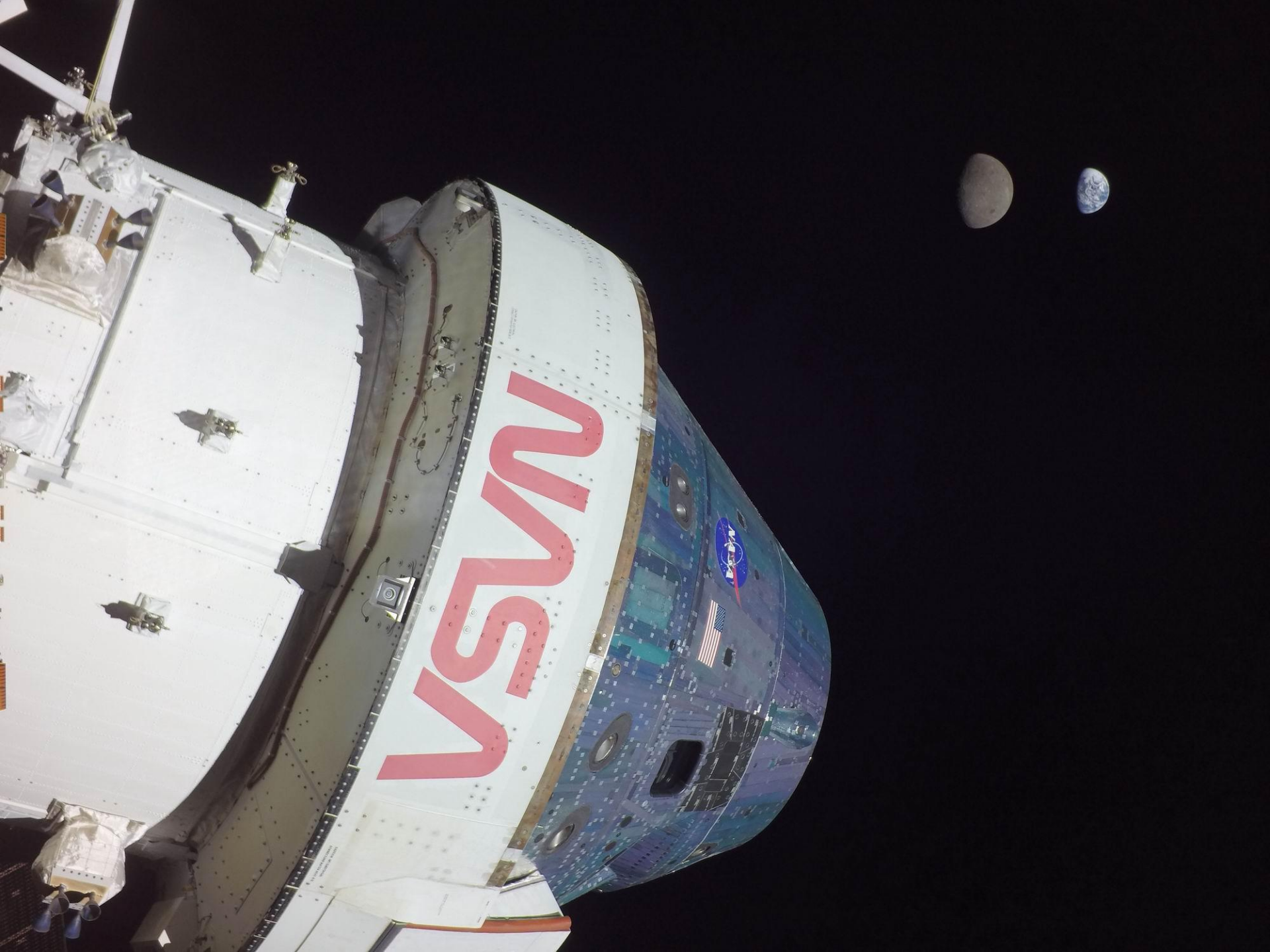
Artemis I





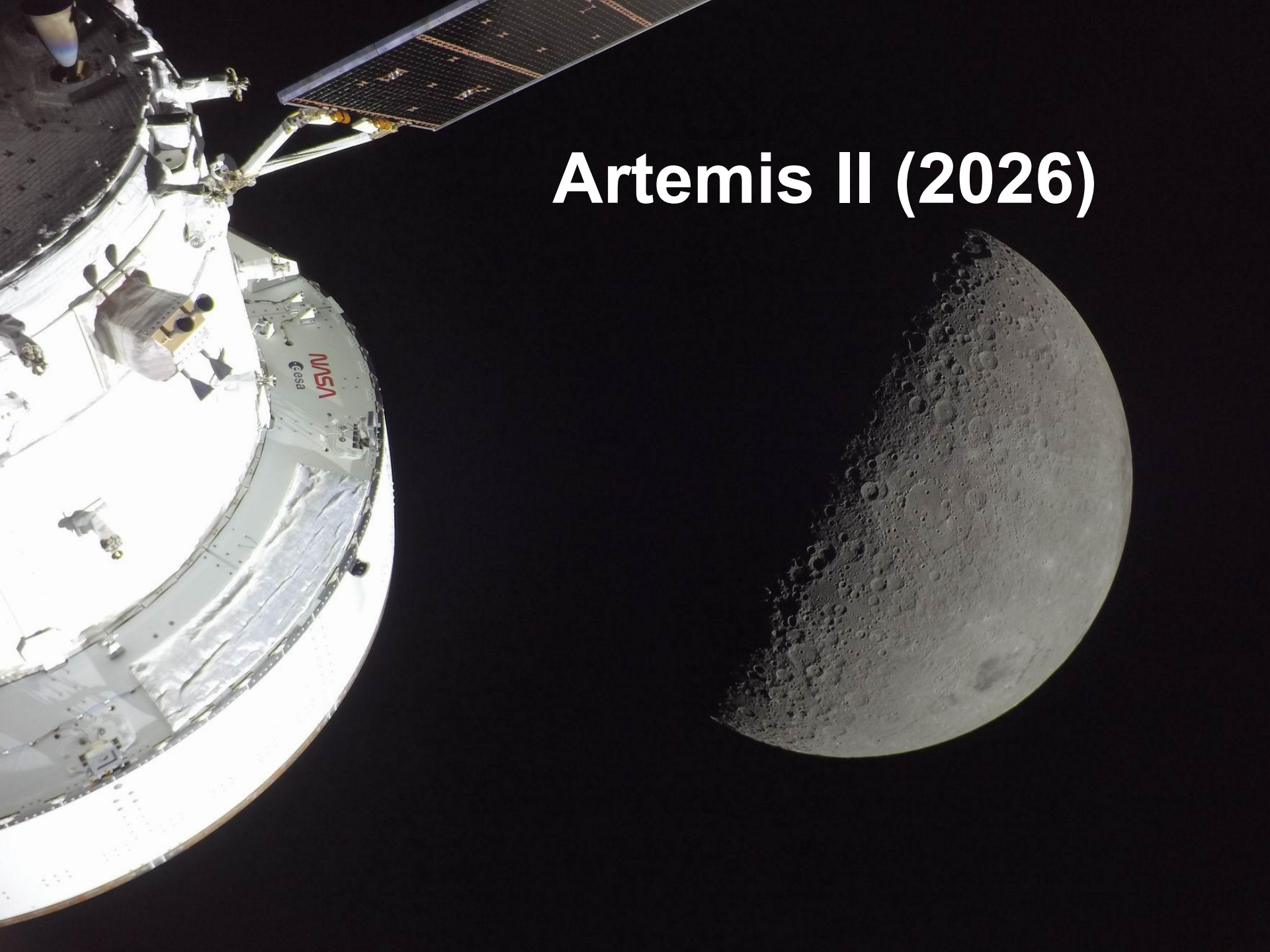


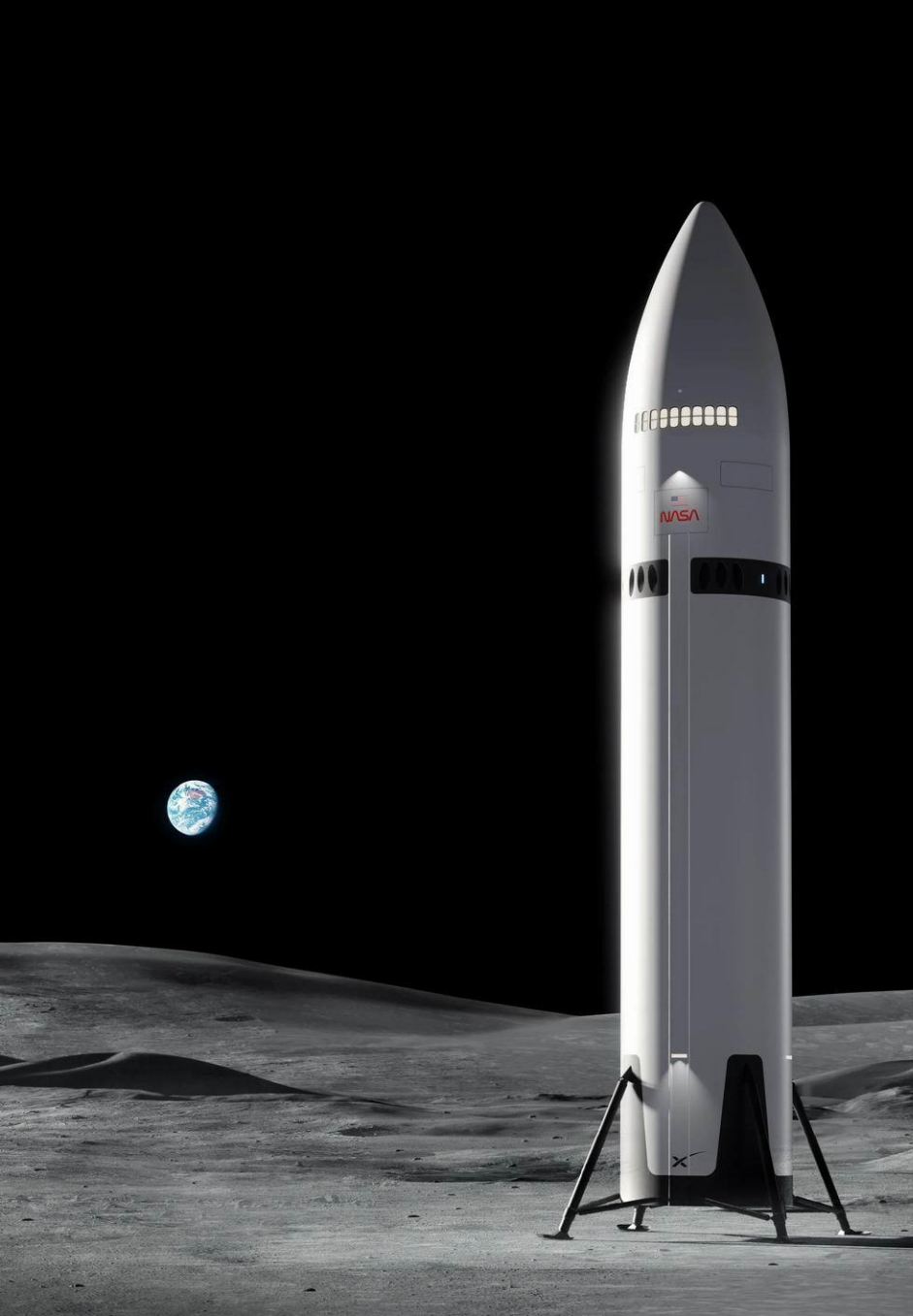






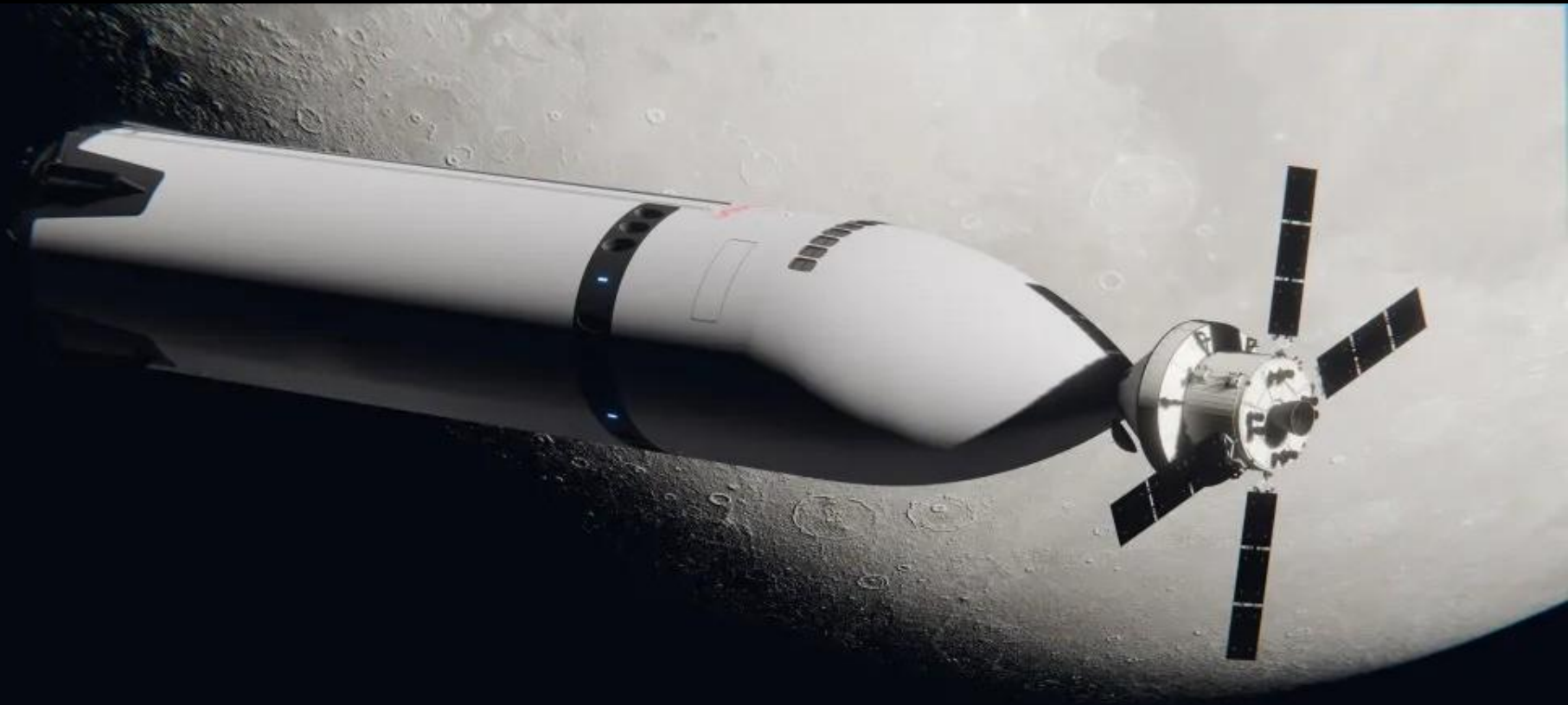
Artemis II (2026)



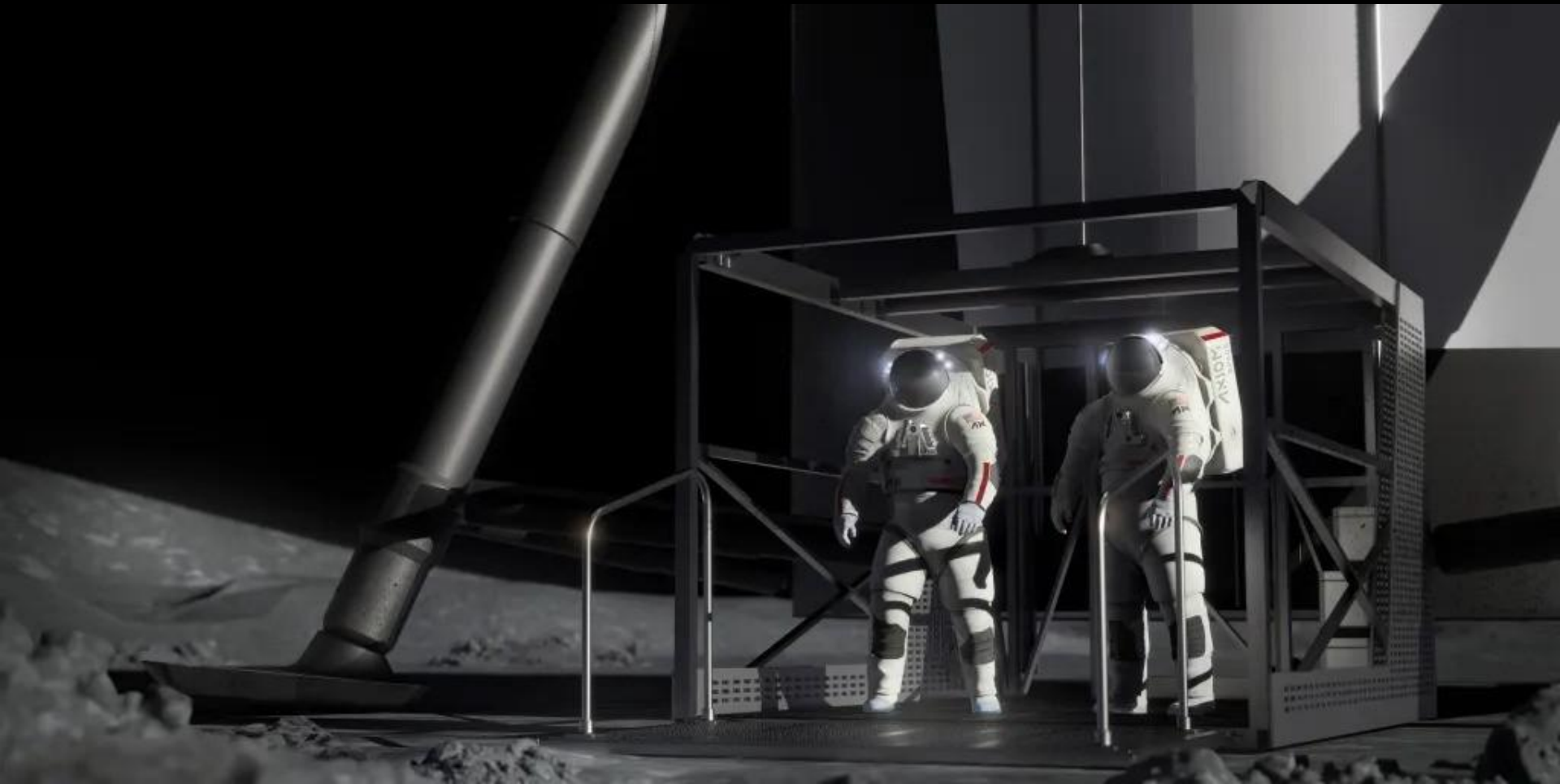




Artemis III (2027)



Artemis IV (2028)

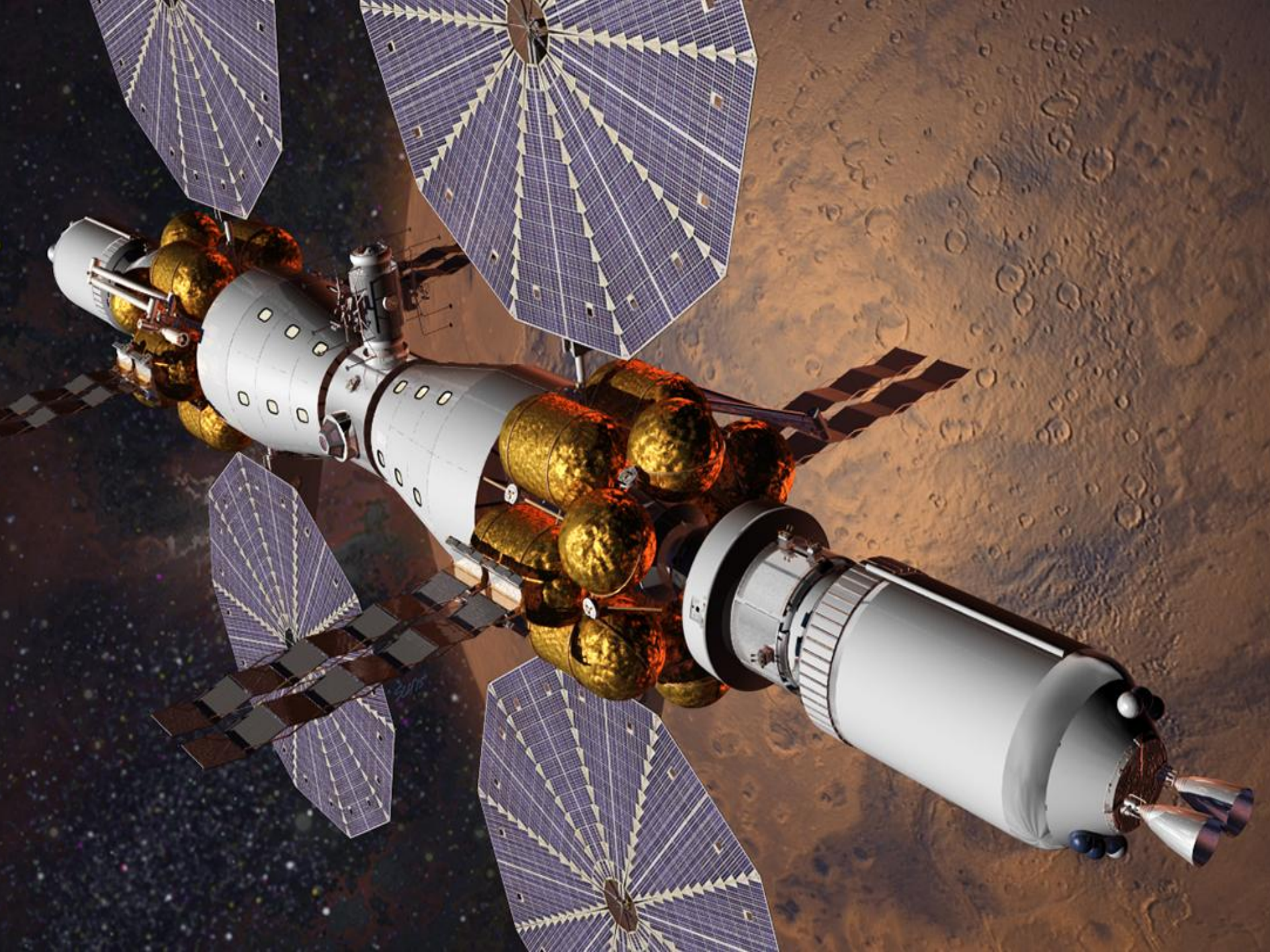


Artemis V (2028)



41 SLS do 2046 (2016)

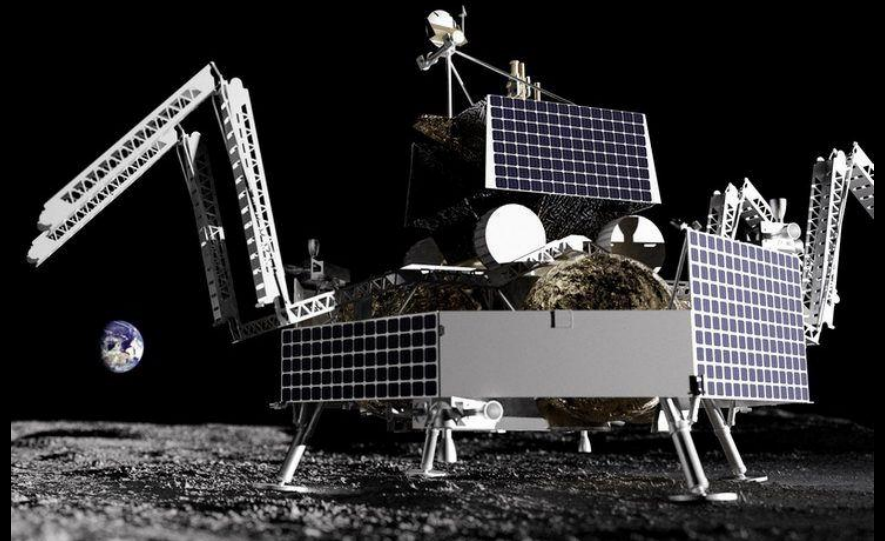




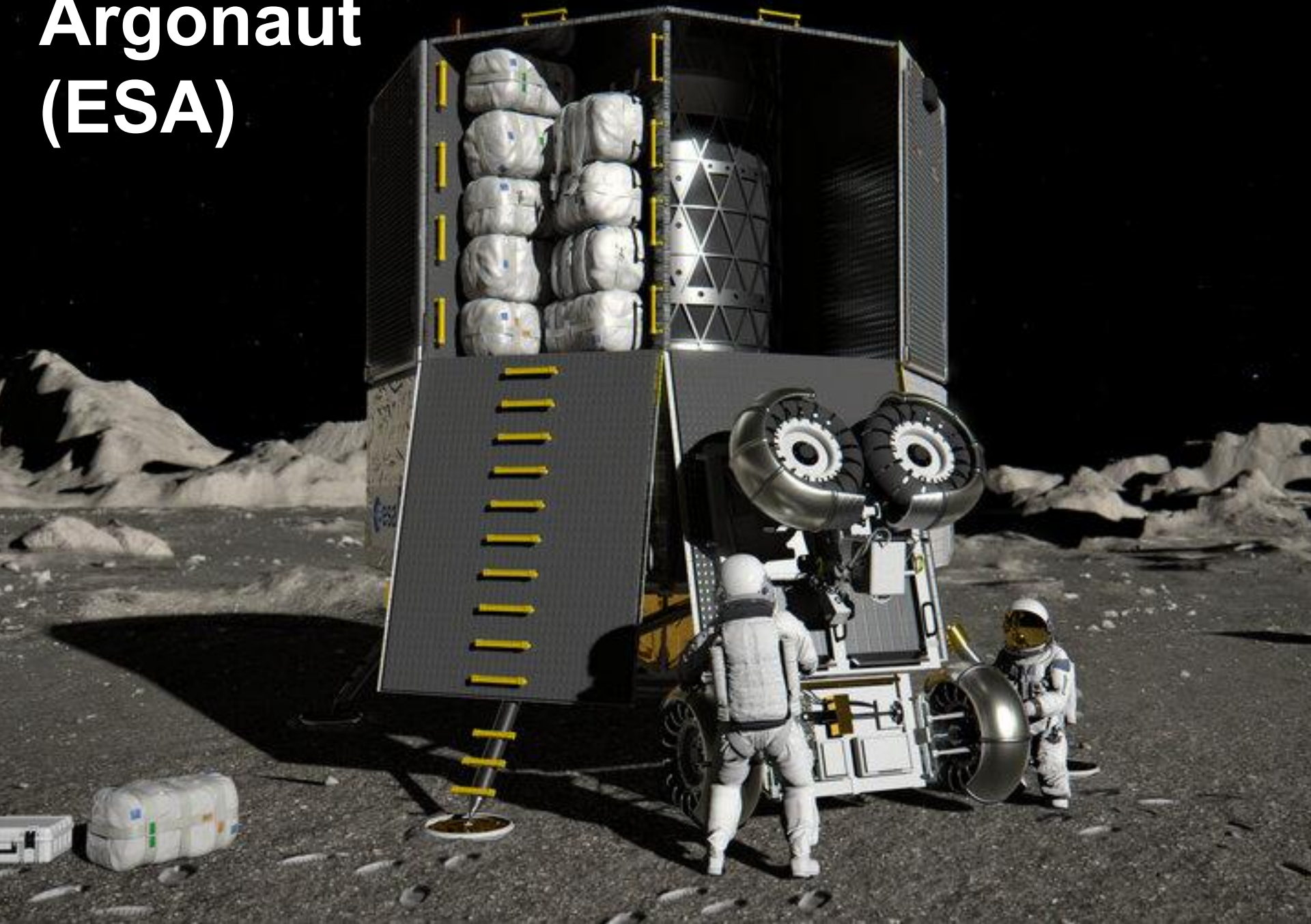




CLPS (Commercial Lunar Payload Services)



Argonaut (ESA)



LTV (Lunar Terrain Vehicle)



Lunar Cruiser





Elon Musk a Jeff Bezos





20. července 2021





BLUE ORIGIN

BLUE ORIGIN



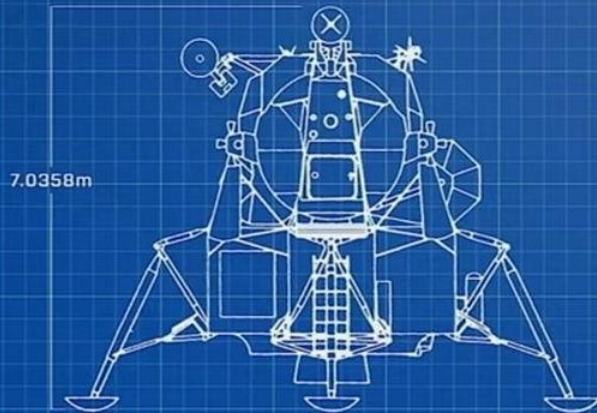




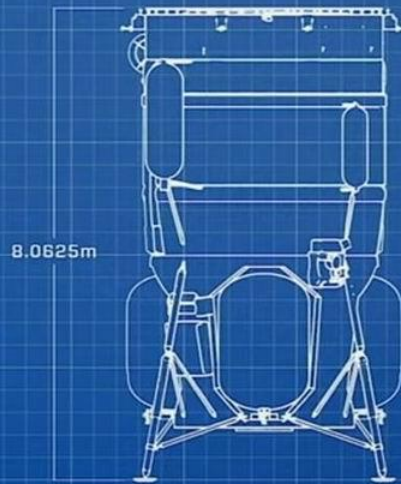




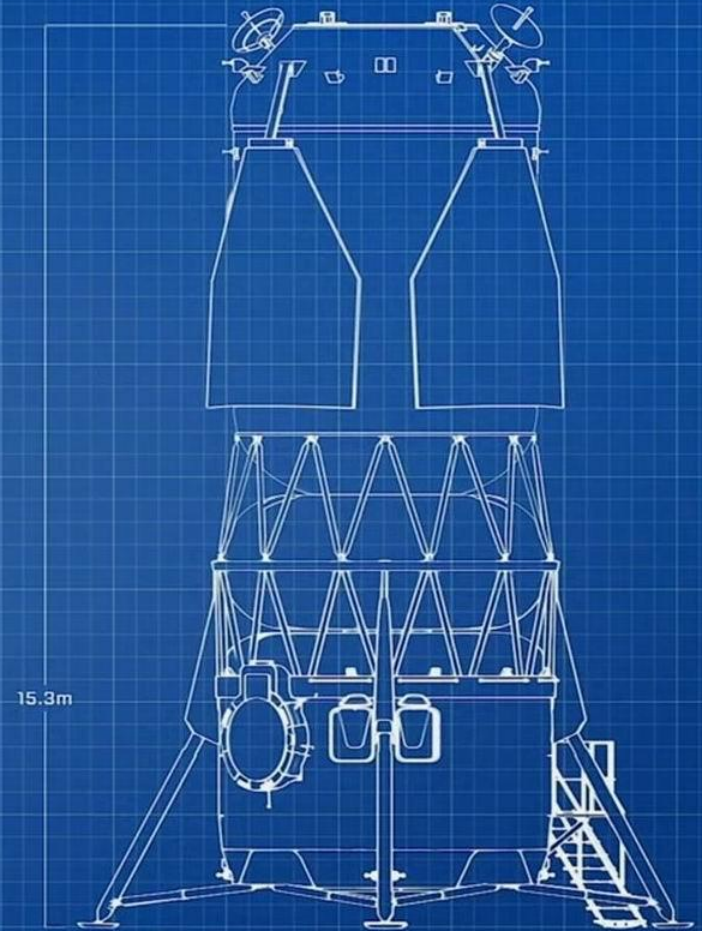
APOLLO LM



BLUE MOON MK1



BLUE MOON MK2





Jeff Bezos believes his space company Blue Origin will be bigger than \$2 trillion Amazon

PUBLISHED WED, DEC 4 2024 6:31 PM EST



Michael Sheetz
@IN/MICHAELJSHEETZ

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KEY POINTS

- Jeff Bezos believes his space venture Blue Origin will one day be a bigger company than Amazon.
- "I think it's going to be the best business that I've ever been involved in, but it's going to take a while," Bezos said on Wednesday.
- Amazon, which Bezos founded in 1994, has a market value of about \$2.3 trillion.



Jeff Bezos speaks about his flight on Blue Origin's New Shepard into space during a press conference on July 20, 2021 in Van Horn, Texas.

Joe Raedle | Getty Images

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Money Movers



TRENDING NOW



1

Greece's ghost towns offer a glimpse of a country struggling with 'existential' population collapse



2

Macy's employee who hid \$151 million in expenses was trying to mask initial mistake.



Exclusive: SpaceX lays out IPO details, targets early June roadshow, sources say

By Echo Wang

April 7, 2026 4:05 AM GMT+2 · Updated April 7, 2026



Summary

- SpaceX plans to launch IPO road show in early June
- SpaceX to allocate unprecedented IPO share to retail investors, CFO Johnsen says
- 1,500 retail investors to be hosted at investor event on June 11
- IPO aims to raise \$75 billion, valuing SpaceX up to \$1.75 trillion

75 miliard dolarů
hodnota 1,75 biliónu dolarů
37 000 000 000 000 Kč
2 400 000 000 000 Kč

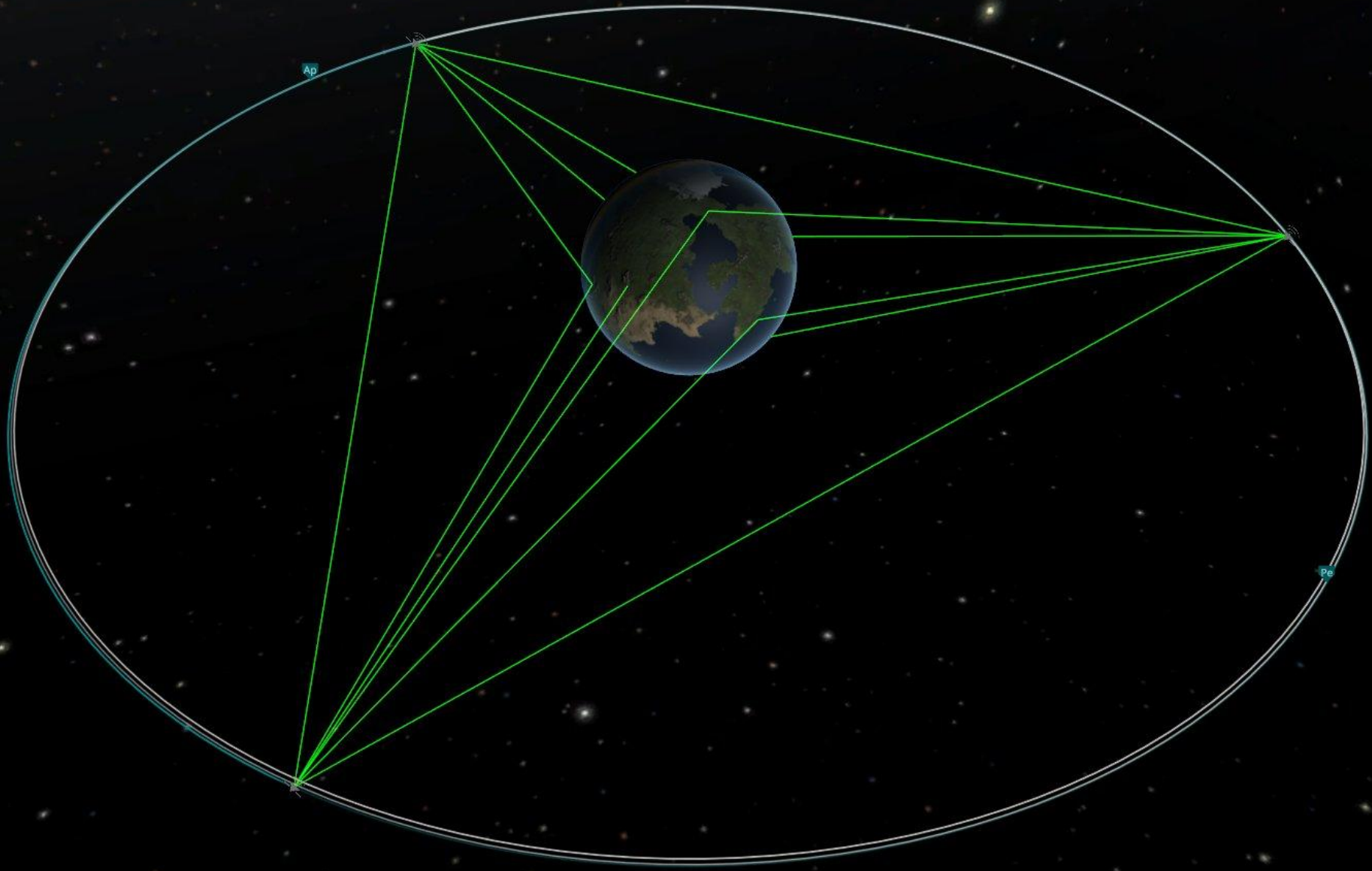


SPACEX







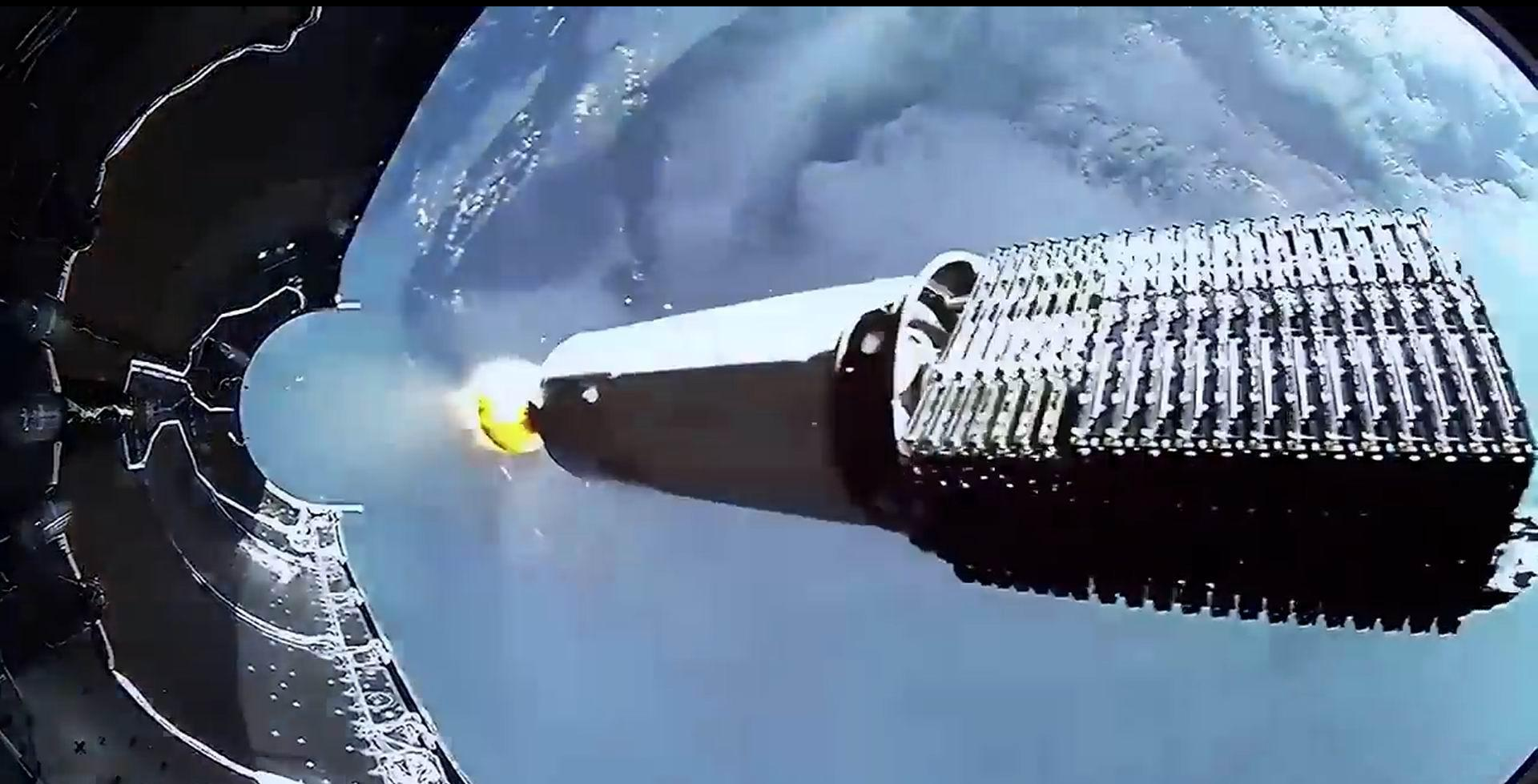


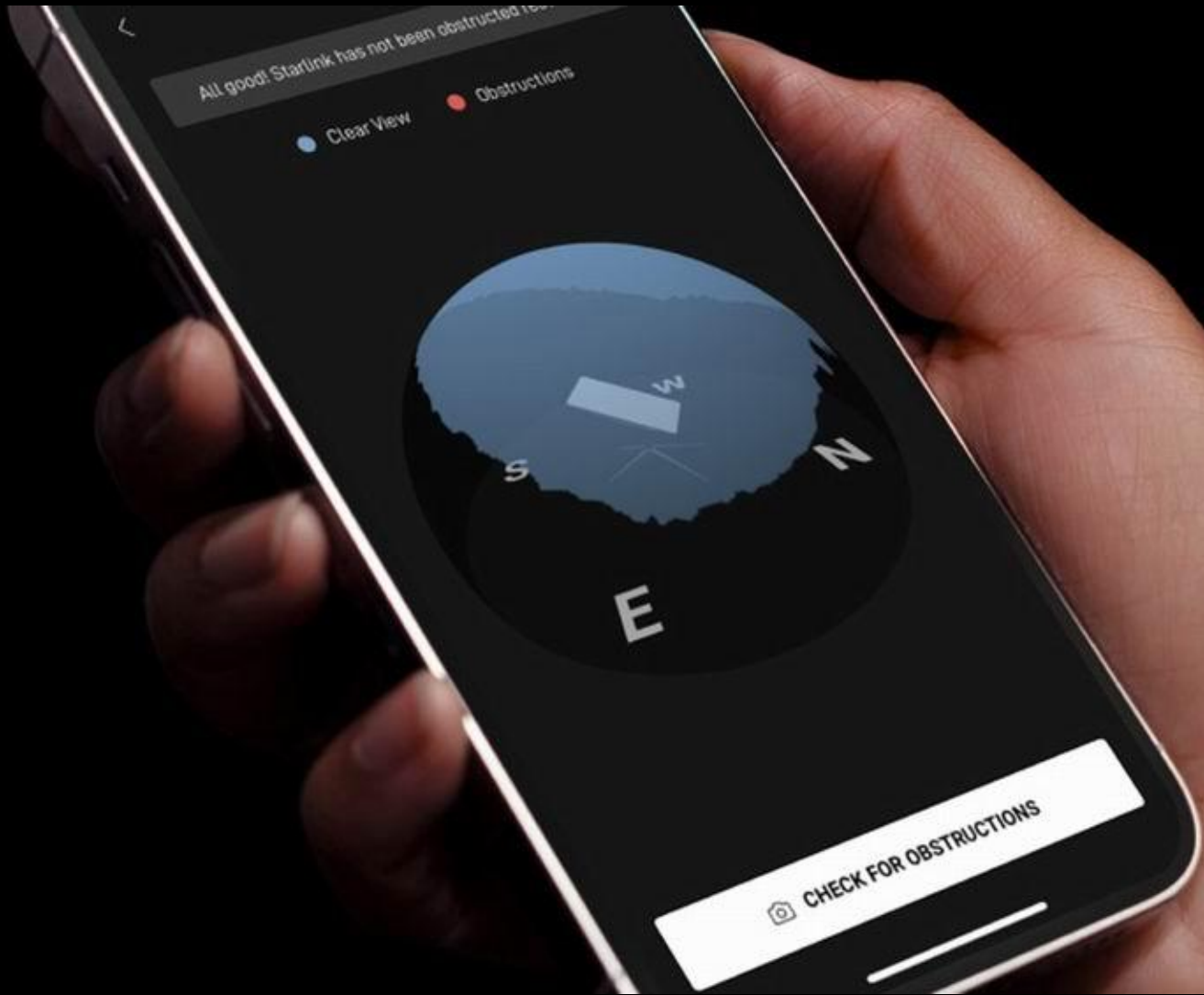


***Přes 10000 družic
Celkem 42 tisíc***



„Tiskárna na peníze“





Kuiper/Amazon LEO



TeraWave (Blue Origin)



Qianfan (Tisíc plachetnic) – 13 tisíc (504)

Guowang (Národní síť) – 13 tisíc (175)

Geely – 6012 (72)

Tianqi – 3918 (41)

Three Body Computing – 2800 (12)






Space

China has applied to launch 200,000 satellites, but what are they for?

A Chinese application to the International Telecommunications Union suggests plans for the largest satellite mega constellation ever built – but something else might be going on here

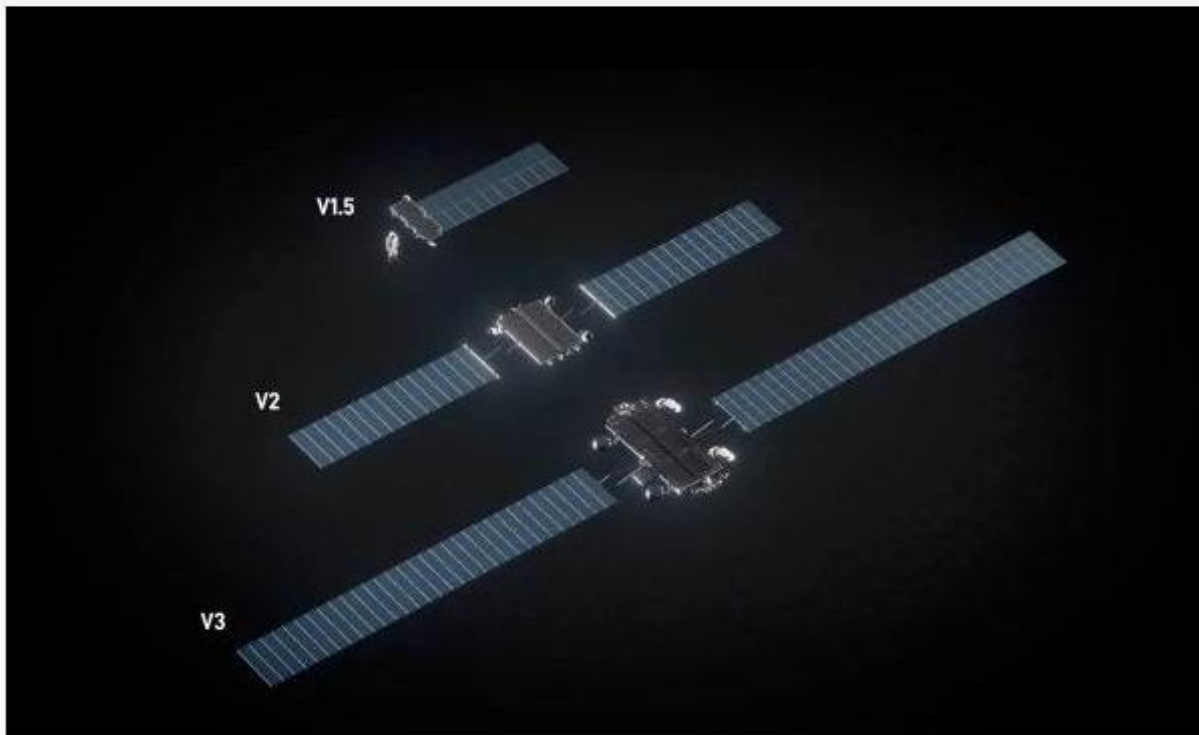
By [Jonathan O'Callaghan](#)

 14 January 2026



SpaceX files plans for million-satellite orbital data center constellation

by Jeff Foust January 31, 2026



SpaceX plans to leverage its experience with the Starlink constellation for its proposed orbital data center constellation of up to one million satellites. Credit: SpaceX

WASHINGTON — SpaceX is seeking Federal Communications Commission approval for a satellite constellation of unprecedented scale intended to function as an orbital data center.

In a [filing](#) with the FCC late Jan. 30, SpaceX proposed an orbital data center constellation of up to one million satellites in low Earth orbit. The satellites would operate at altitudes between 500 and 2,000 kilometers, in 30-degree and sun-synchronous inclinations, to maximize time in sunlight for solar power generation.

"By directly harnessing near-constant solar power with little operating or maintenance cost, these satellites will achieve transformative cost and energy efficiency while significantly reducing the environmental impact associated with terrestrial data centers," the company said in the filing.

**RAD HARD, LEVEL
TRANSLATING I2C,
SMBUS, SPI 16-BIT
I/O EXPANDER**

Triple redundant Space

Scaling for massive capacity

1 Billion


Optimus robots
to do the work

10 Million

Tons of mass/year
launched into orbit

1 TW+

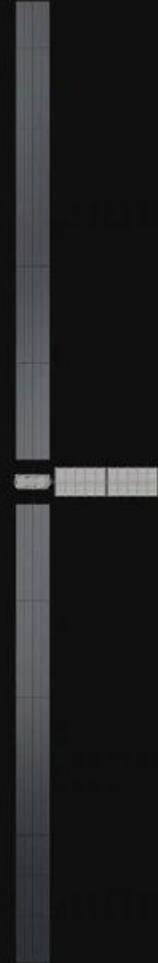
Solar power
needed

Optimus 

Starship V3

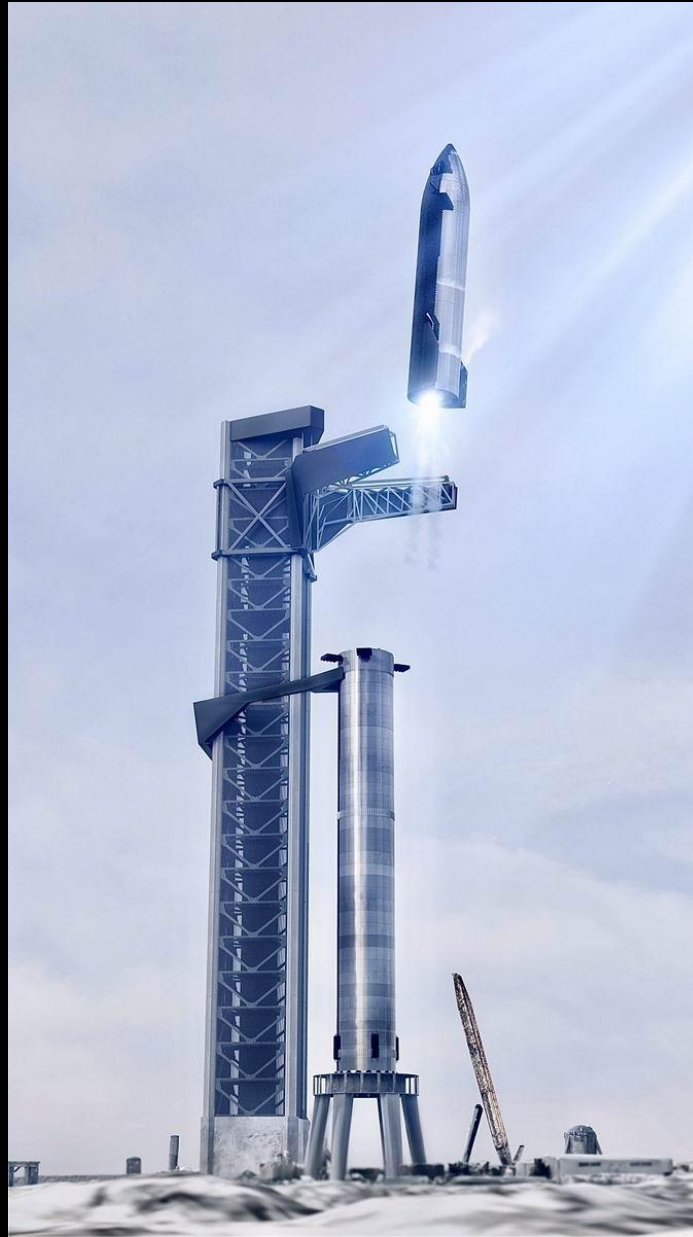


AI Sat Mini





Návrat přímo na rampu



Znovupoužitelnost



Tisíce vyrobených raket



Sci-fi?



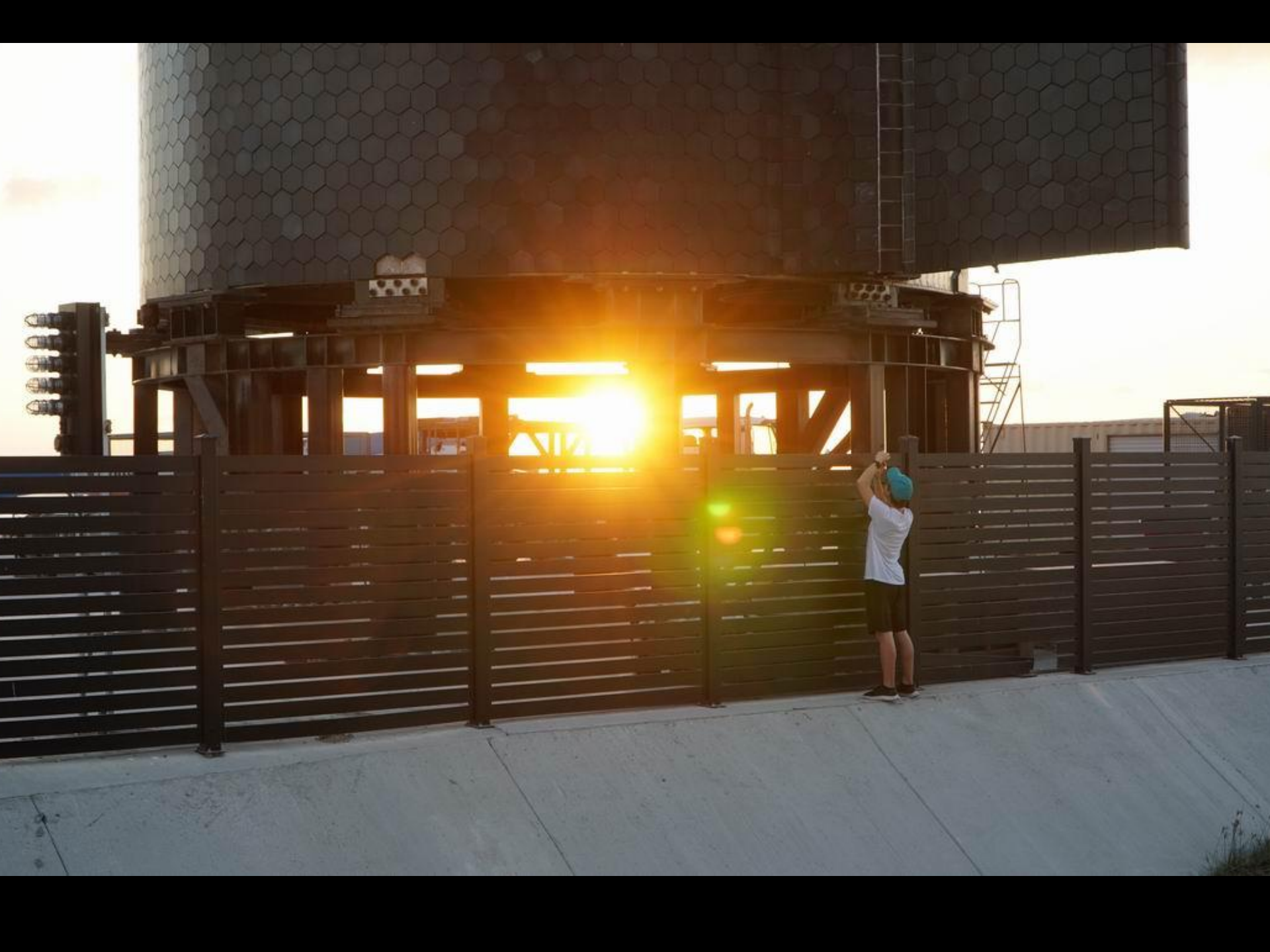
SPACEX







PRIVATE
PROPERTY







8

STARSHIP
(Reusable)

SPECIFICATIONS

- 120m tall
- 9m diameter
- 120,000 kg dry mass
- 120,000 kg payload capacity
- 10,000 km/h velocity
- 10,000 km altitude
- 10,000 km range
- 10,000 km duration
- 10,000 km range
- 10,000 km duration
- 10,000 km range
- 10,000 km duration

HEBER 01

SPACE X

7534







**PRIVATE
PROPERTY**

NO TRESPASSING

















Post

Reply



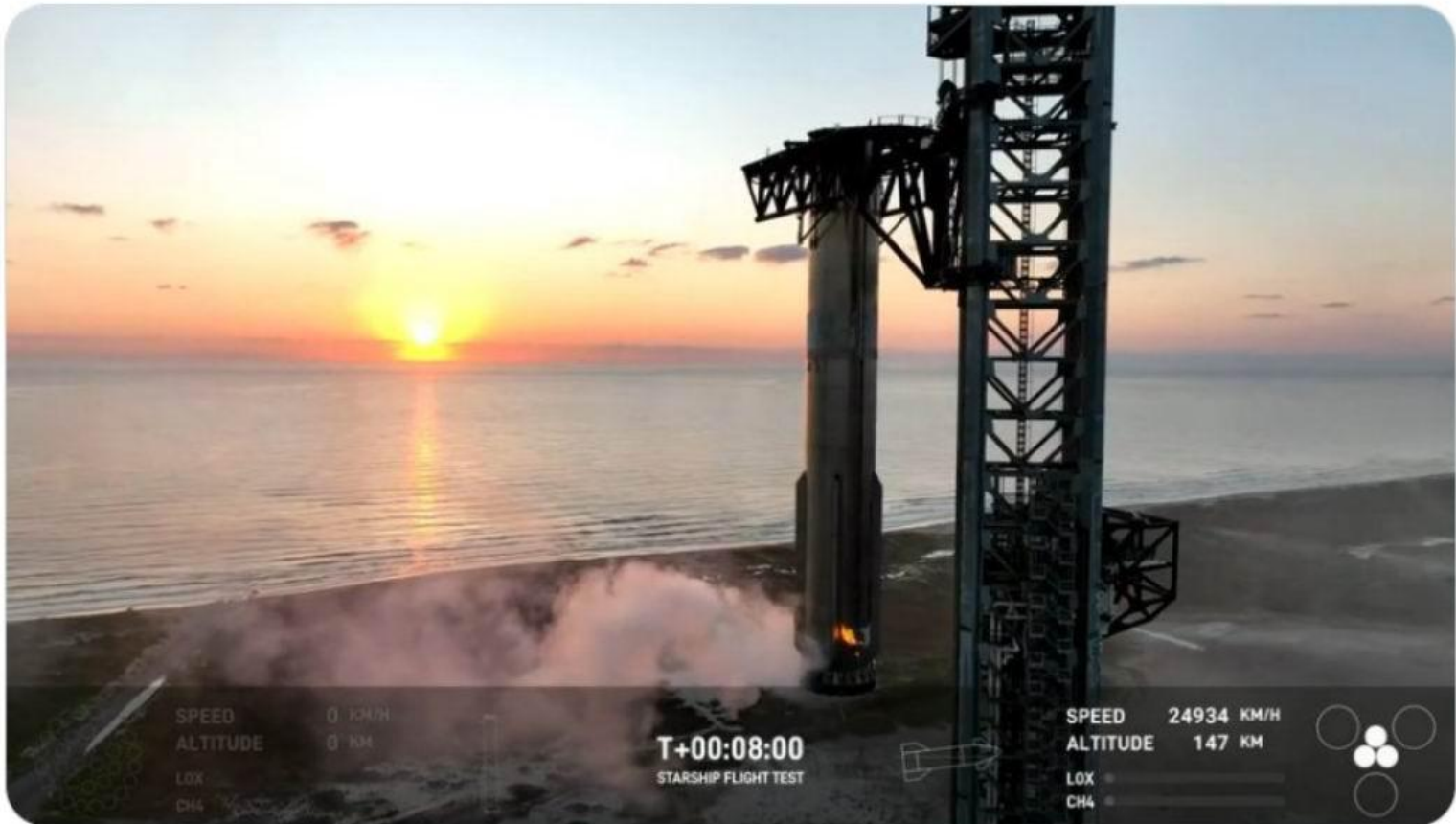
Elon Musk  

@elonmusk

Subscribe



Good morning



2:49 PM · Oct 13, 2024 · **77.7M** Views



GIGABAY, TX

Expanding production
and integration to
produce 1,000 Starships
per year



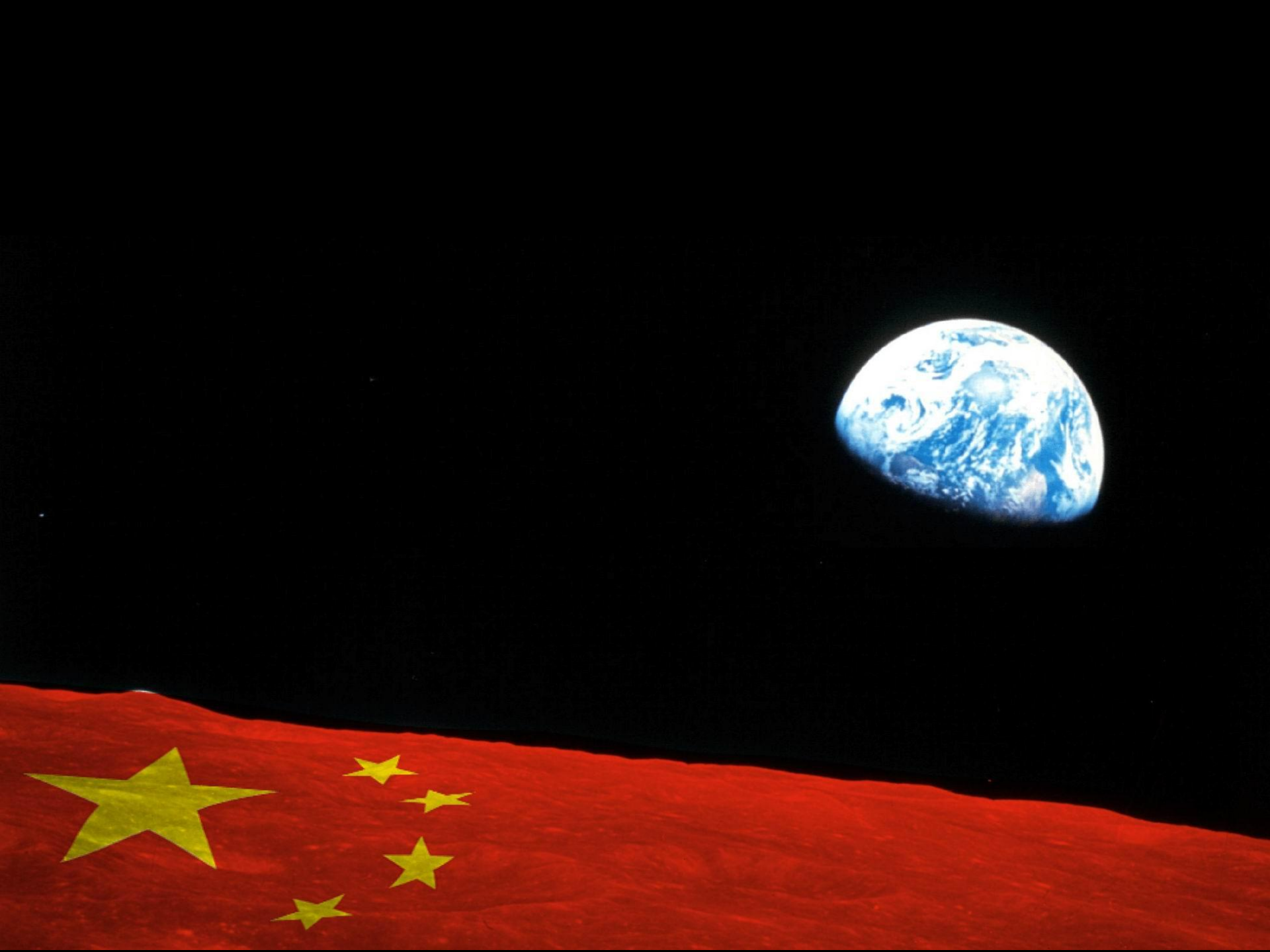












Mengzhou (Lod' snů)



24. června 2016

***Víceúčelová zmenšená návratová kapsle
kosmické lodi***





5. května 2020
Testovací exemplář budoucí
pilotované kosmické lodi





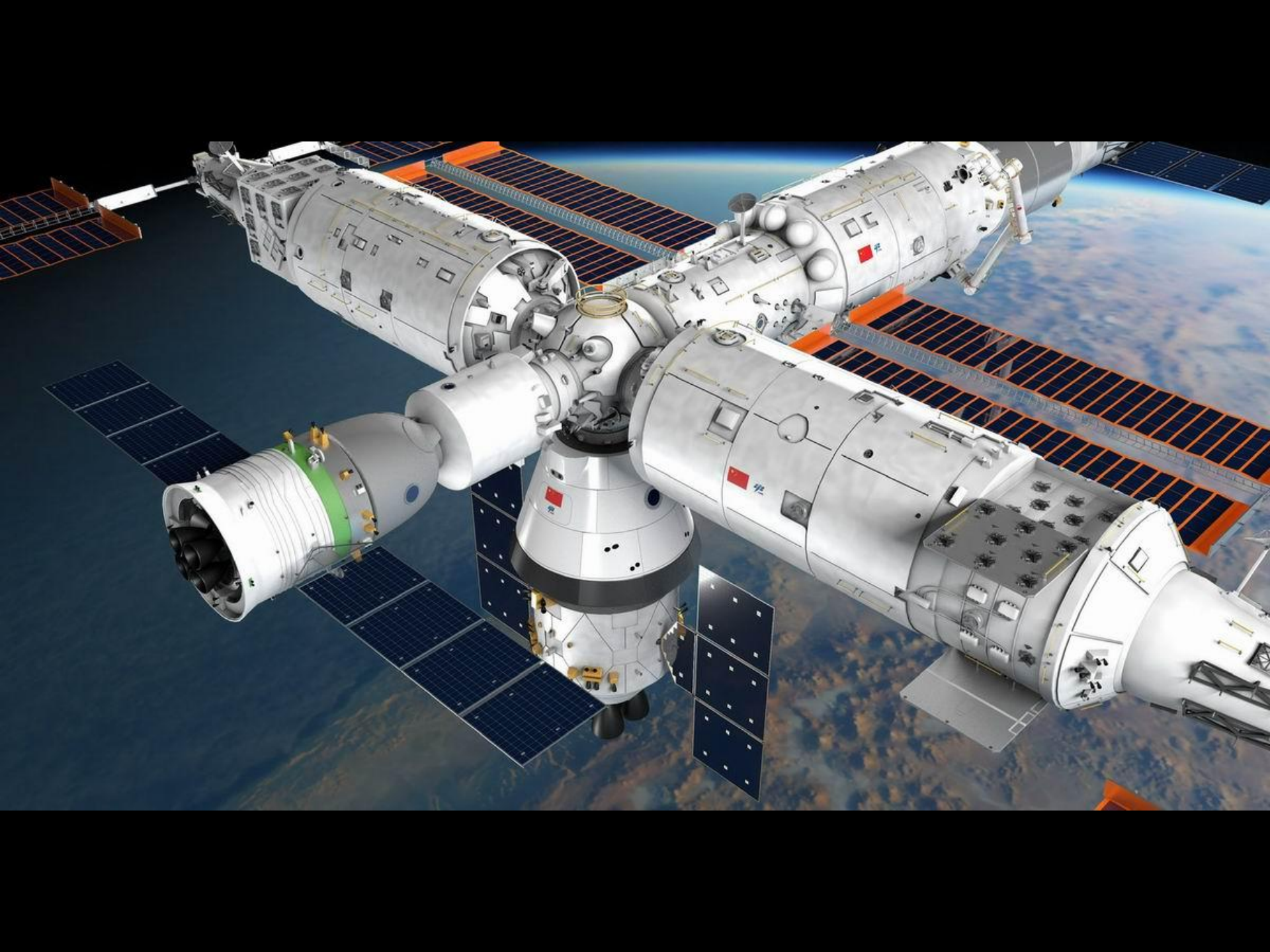












Lan Yue (Náruč Měsíce)





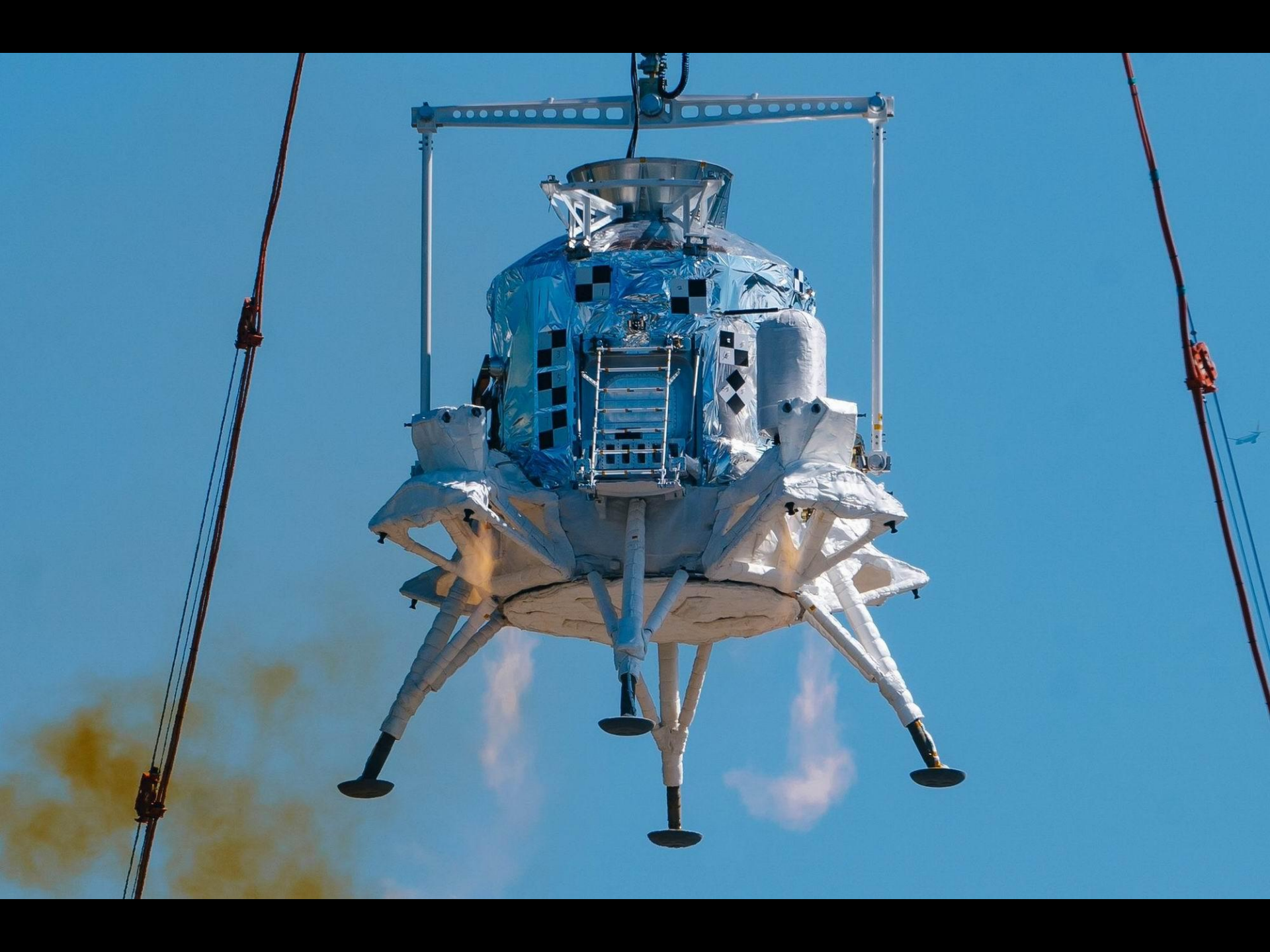
月面着陆器



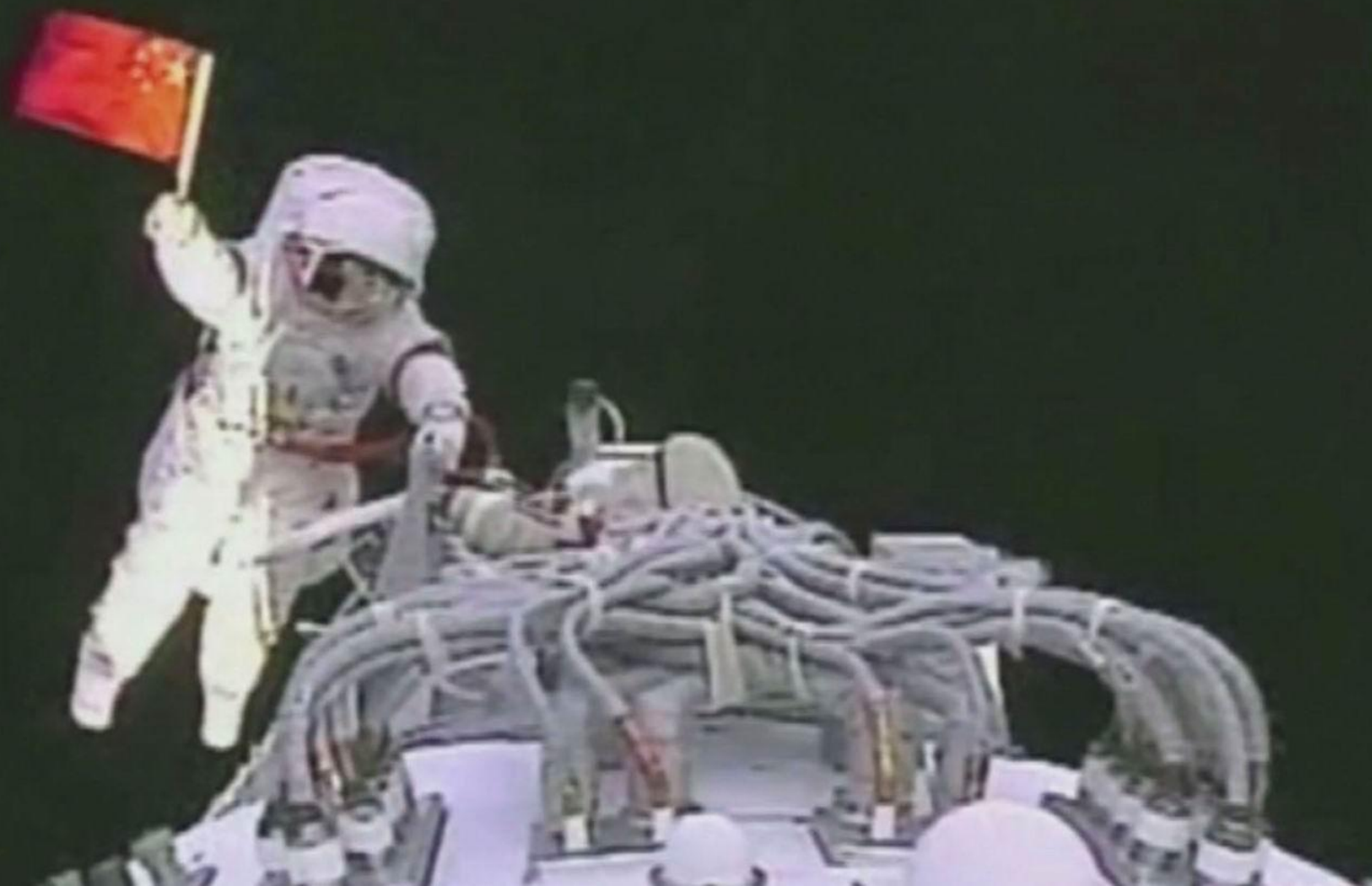
月面着陆器用于月球表面和月球表面附近的大气层，可携带月球车和少量科学仪器，是月球着陆器的重要组成部分。着陆器是月球基地的月面生活中心，是中心及控制中心，支持开展月球驻留和月球活动。

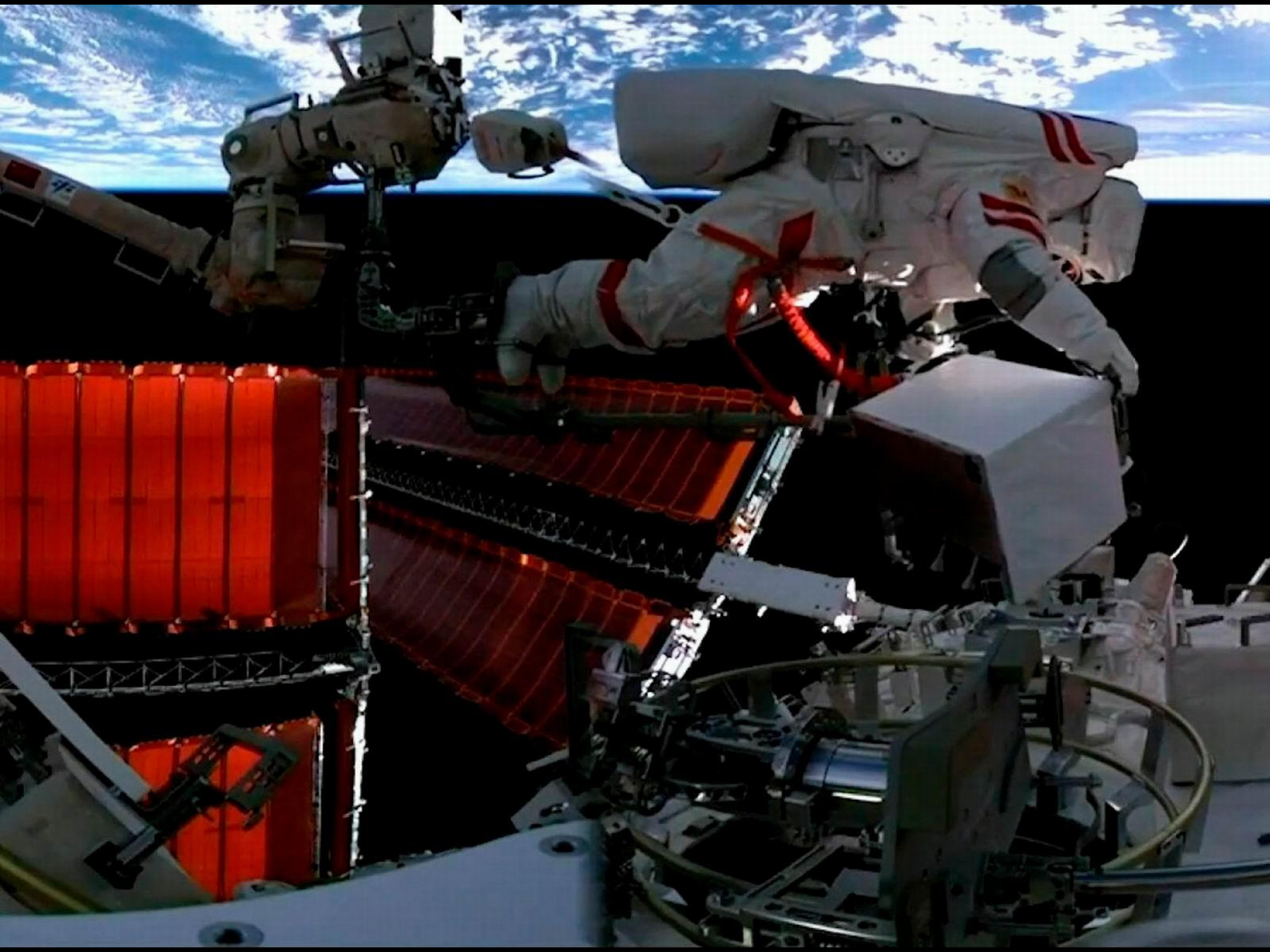


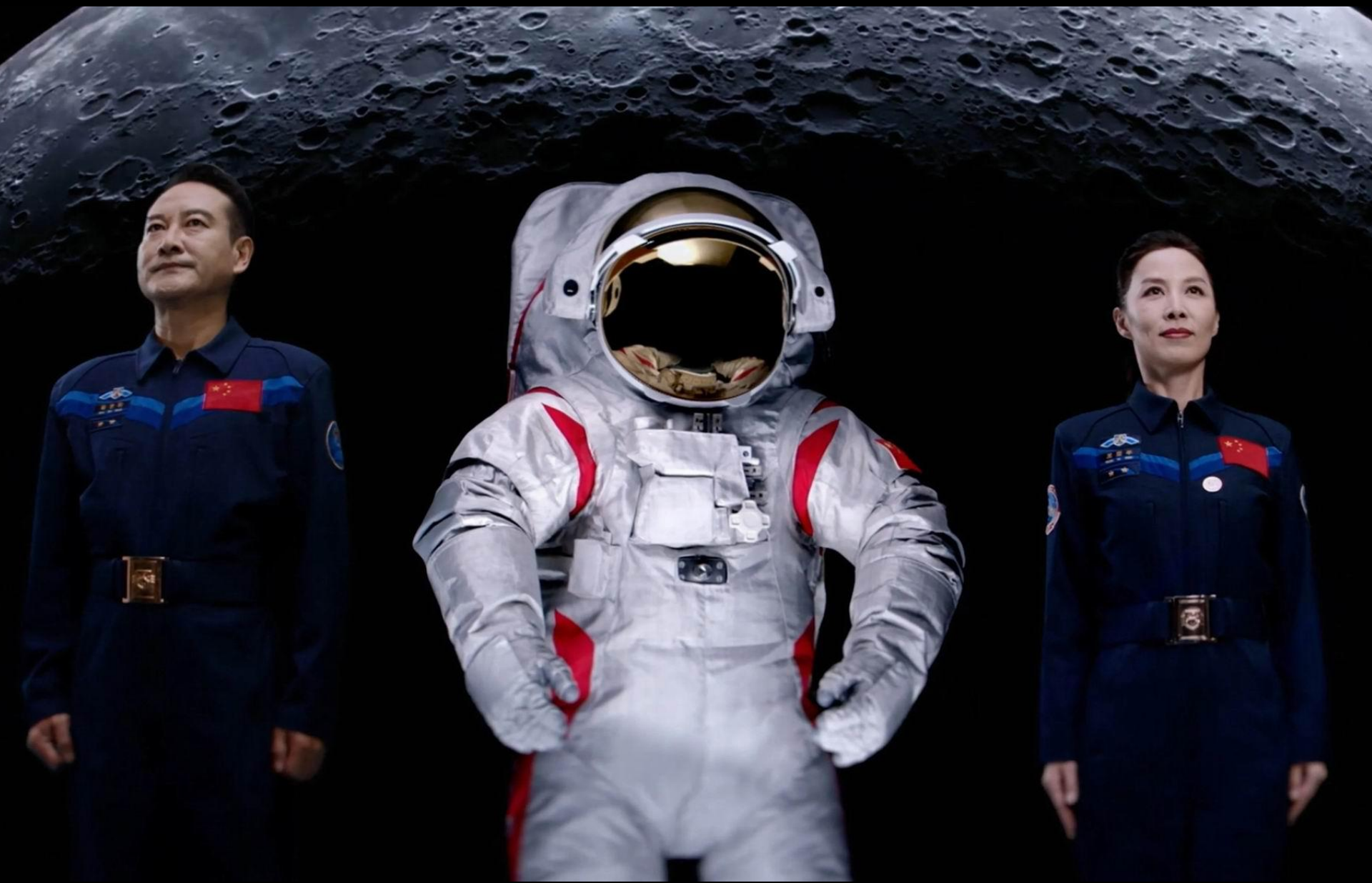




Feitian 2









低重力环境关节配置
人服活动能力增强

(zatím bez jména)

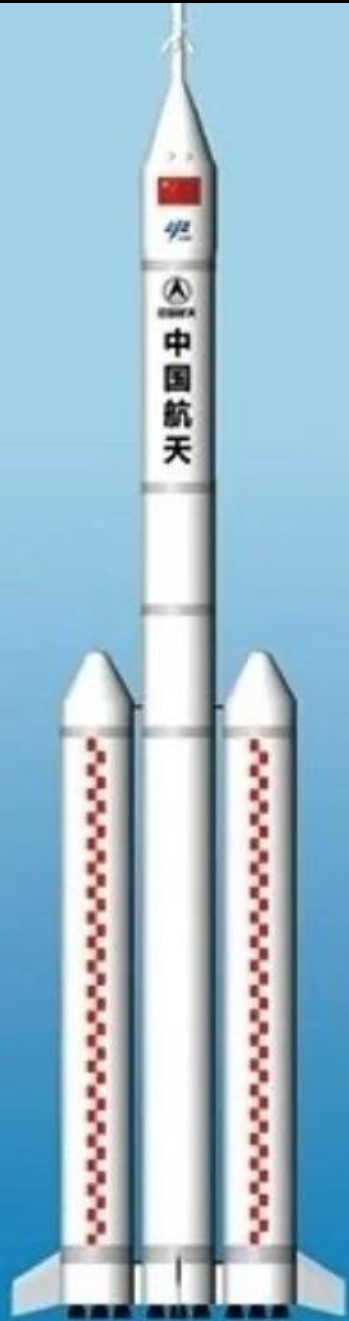
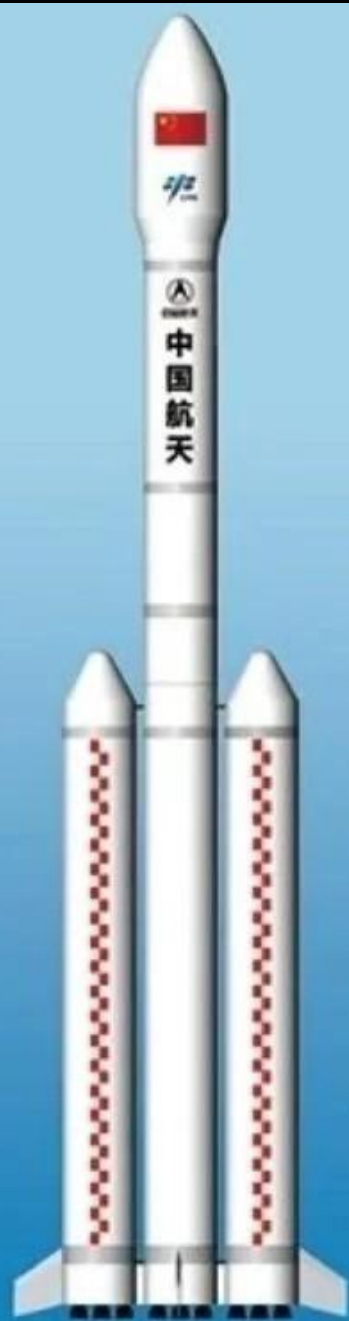


Raketa CZ-10 (Chang Zheng)



Manned Space

载人航天



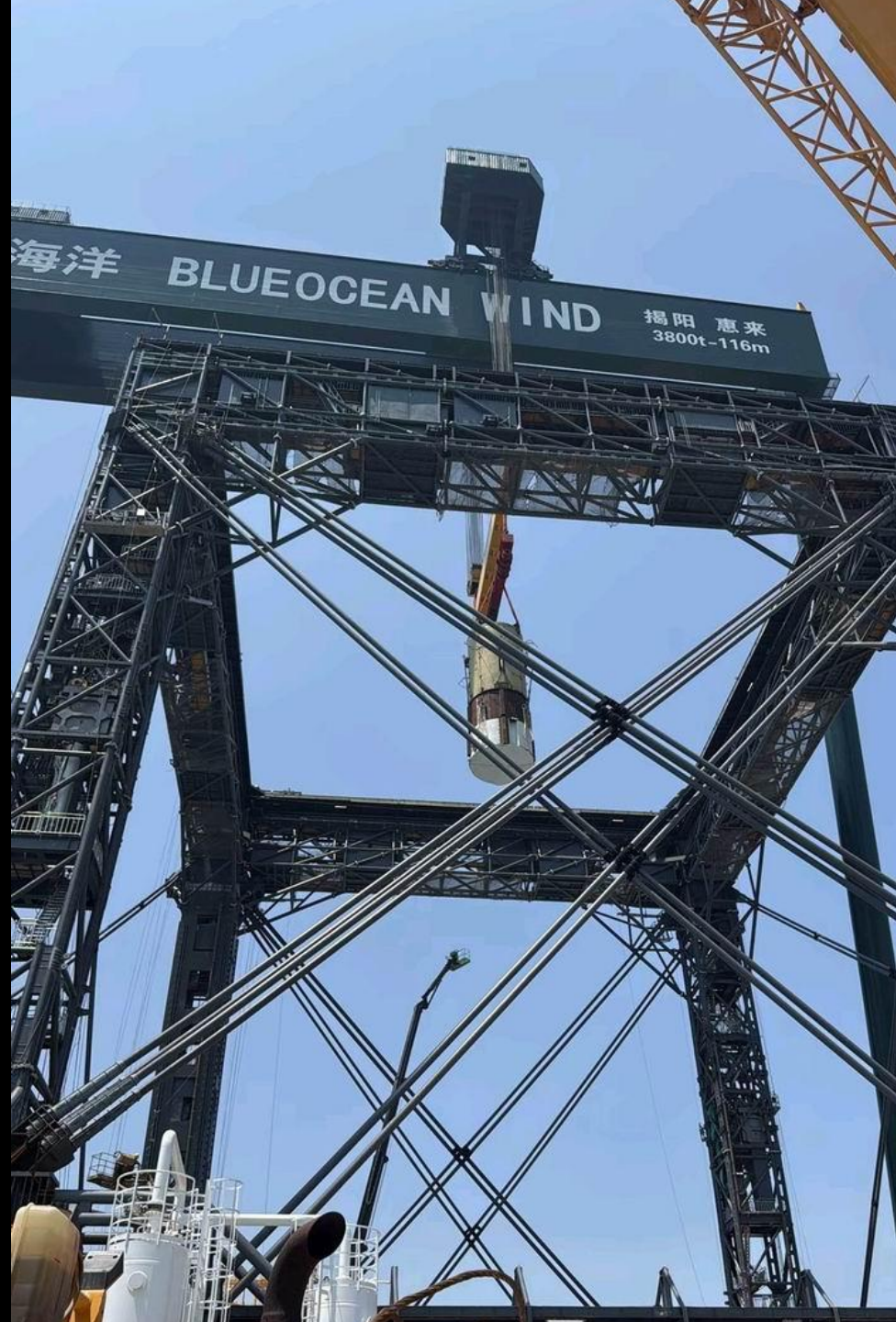




海洋

BLUEOCEAN WIND

揭阳 惠来
3800t-116m







Start číslo 1

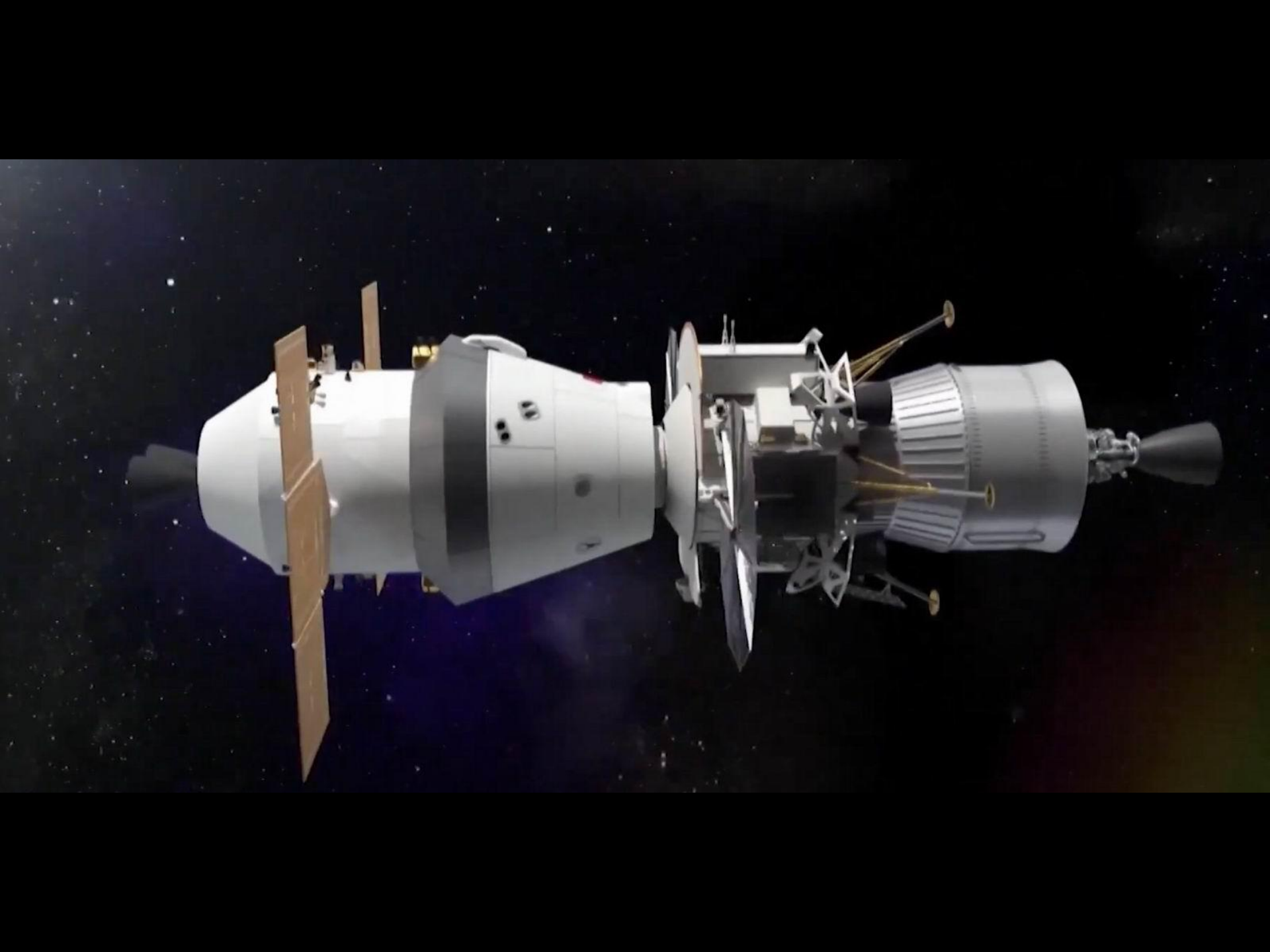


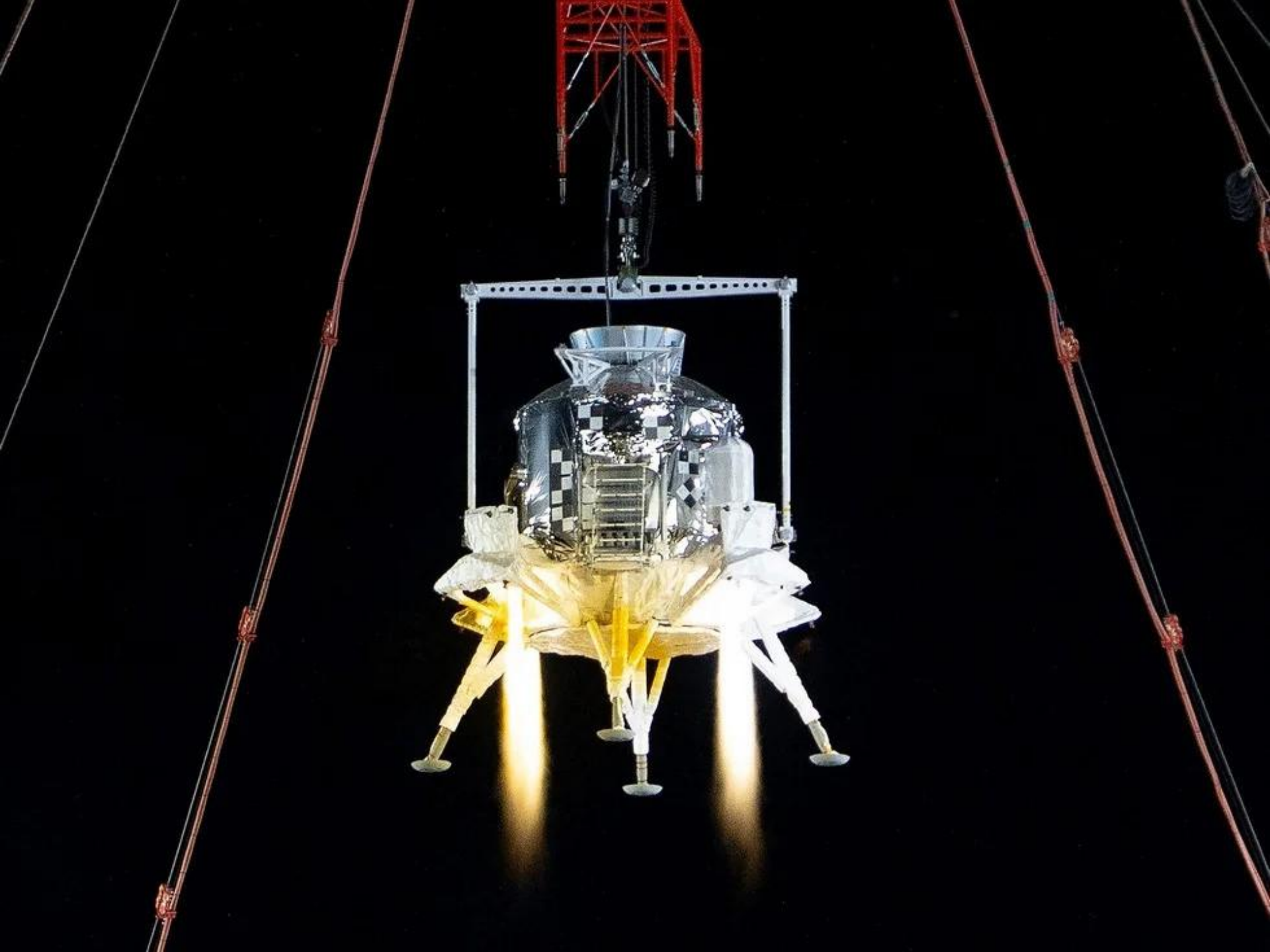


Start číslo 2

















2026



2027



新一代载人运载火箭

总长度：90m

起飞质量：2211t

起飞推力：1200KN

箭体直径：一级5.0m 二级5.00m

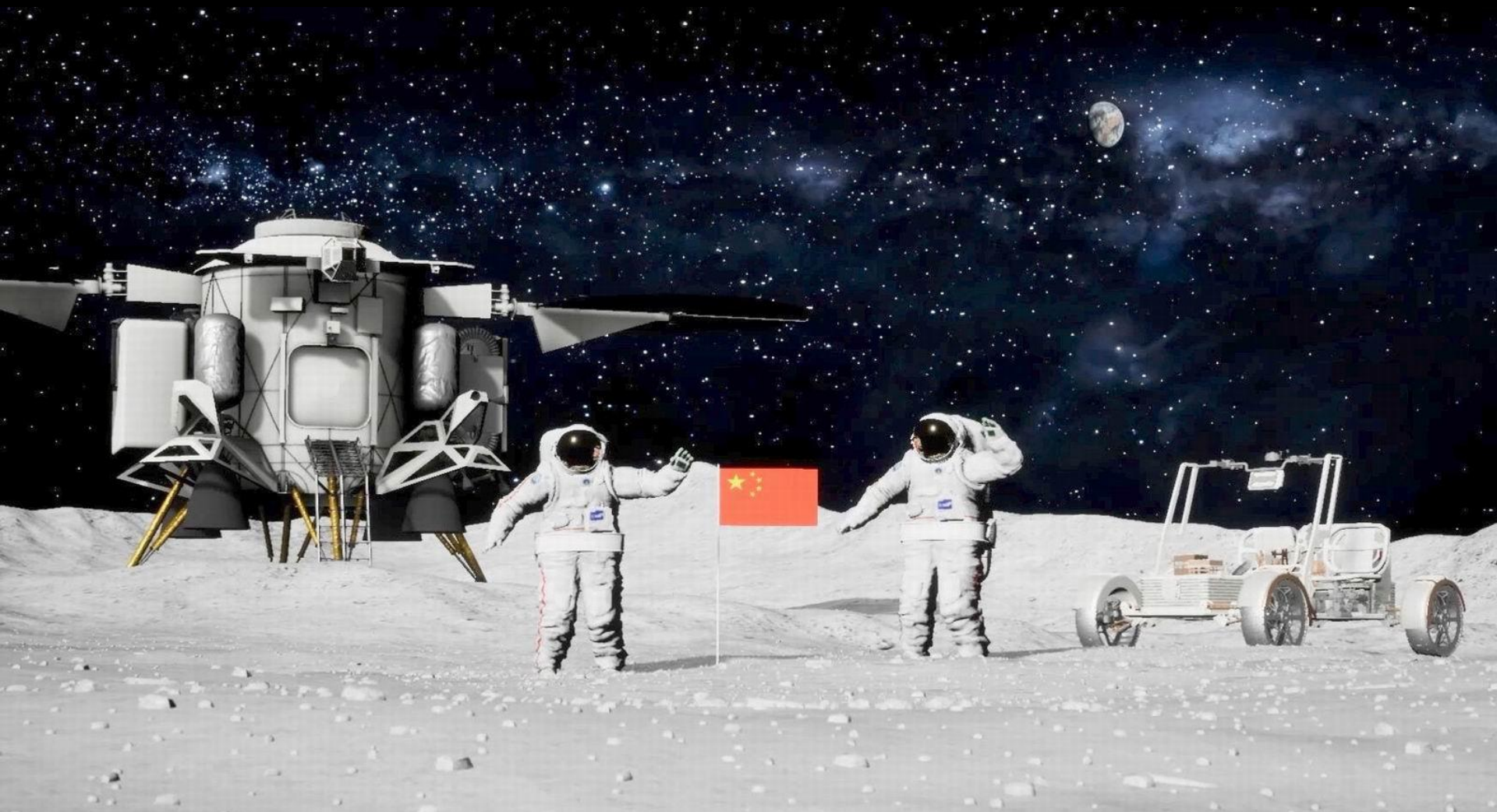
三级5.0m

运载能力：地月转移轨道LTO 27t

2029



2030







Děkuji za pozornost!

Tomáš PŘIBYL

tomas.pribyl@seznam.cz

www.hvezdarna.cz



Hvězdárna
a planetárium
Brno