

THE NEXT GIANT LEAP

IARF - ICSC

NASA ARTEMIS Space Contact Program

BROCHURE FOR COURSE

Contact Program Website - iarf.res.in/artemis



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अन्तरिक्षशिक्षादशकम्
२०२४-२०३४



based on objectives of

Decade of Space Education
2024-2034



in support of

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NASA Artemis Space Contact Program

ARTEMIS 1 MISSION

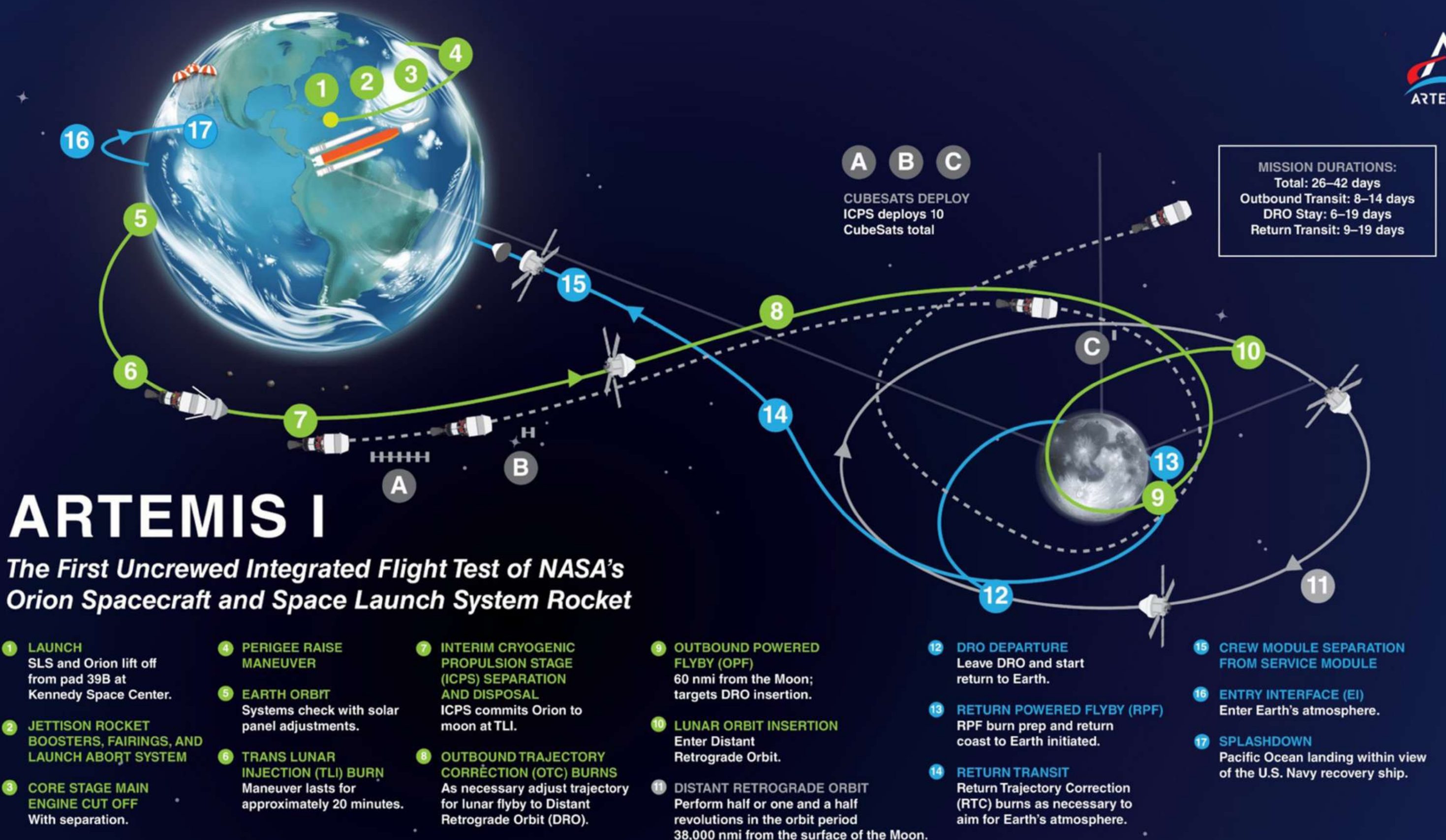
TOPICS

NASA's Space Launch System

Skyfire & CubeSats Payloads

ESA Space Exploratory Vehicle

Credit: NASA



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NASA Artemis Space Contact Program

ARTEMIS 2 MISSION

TOPICS

Orion Life Support Systems

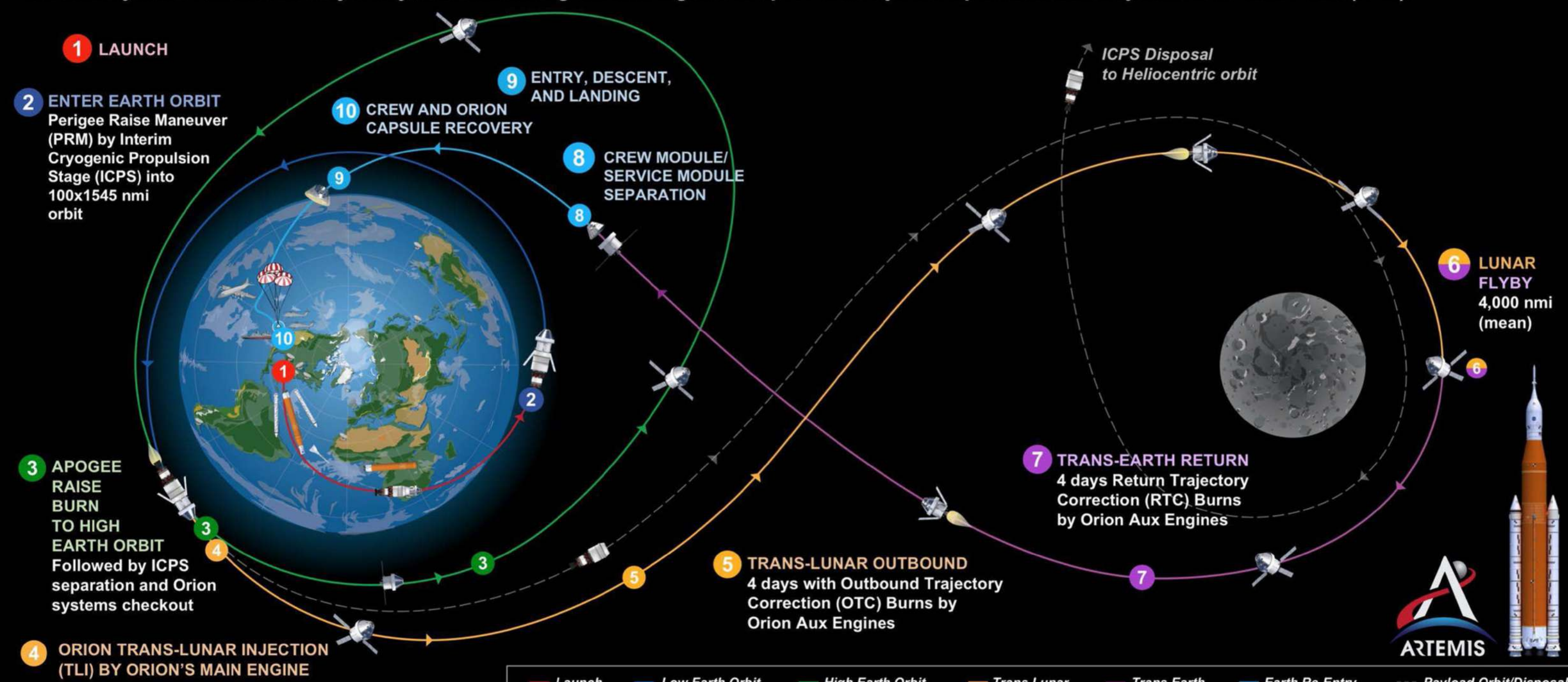
Asteroid Redirect Mission

Lunar Flyby by Astronauts

Credit: NASA

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)

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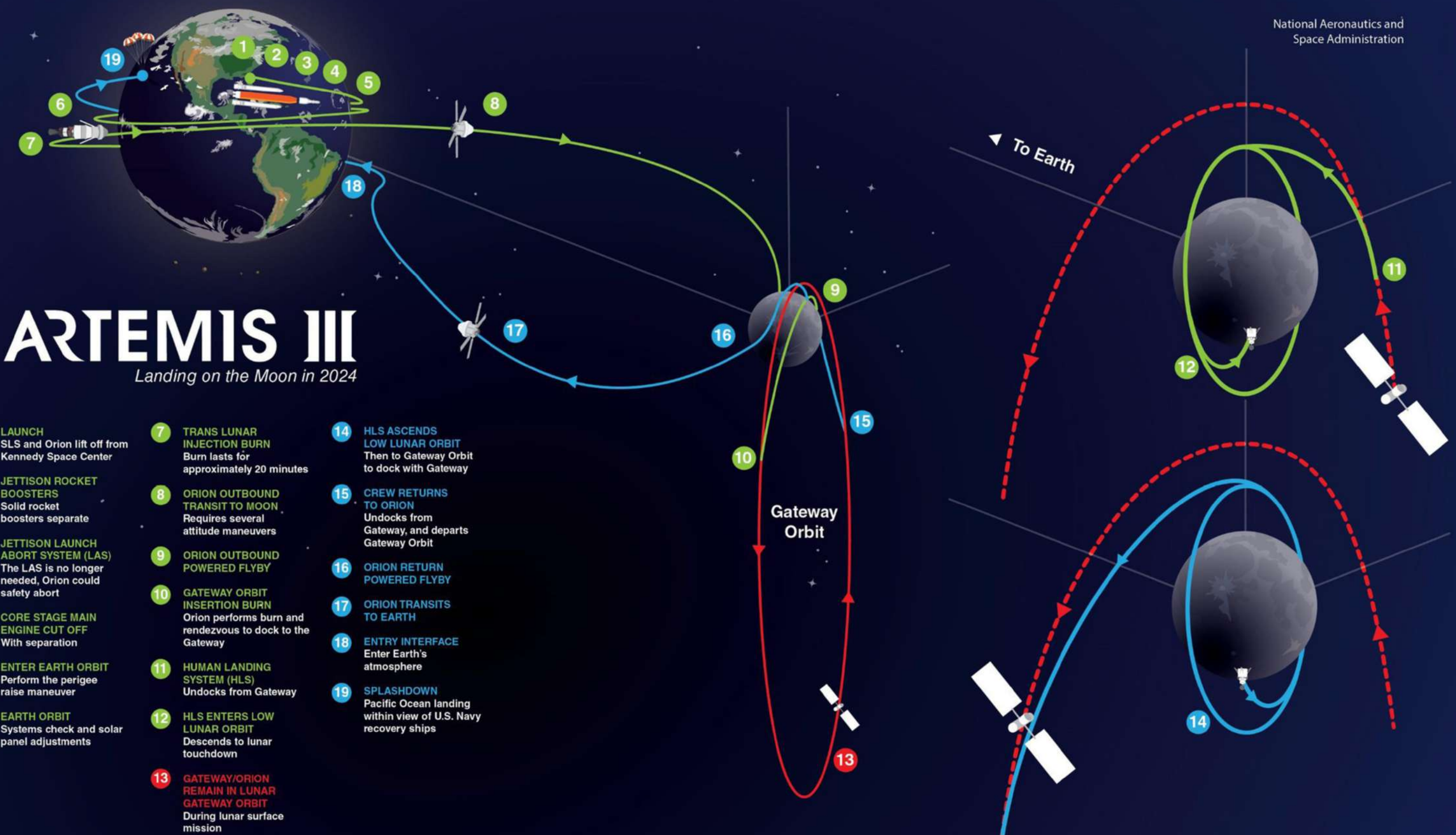
NASA Artemis Space Contact Program

ARTEMIS 3 MISSION

TOPICS

- Lunar Human Spaceflight
- Lunar Gateway
- Lunar Terrain Vehicle

Credit: NASA



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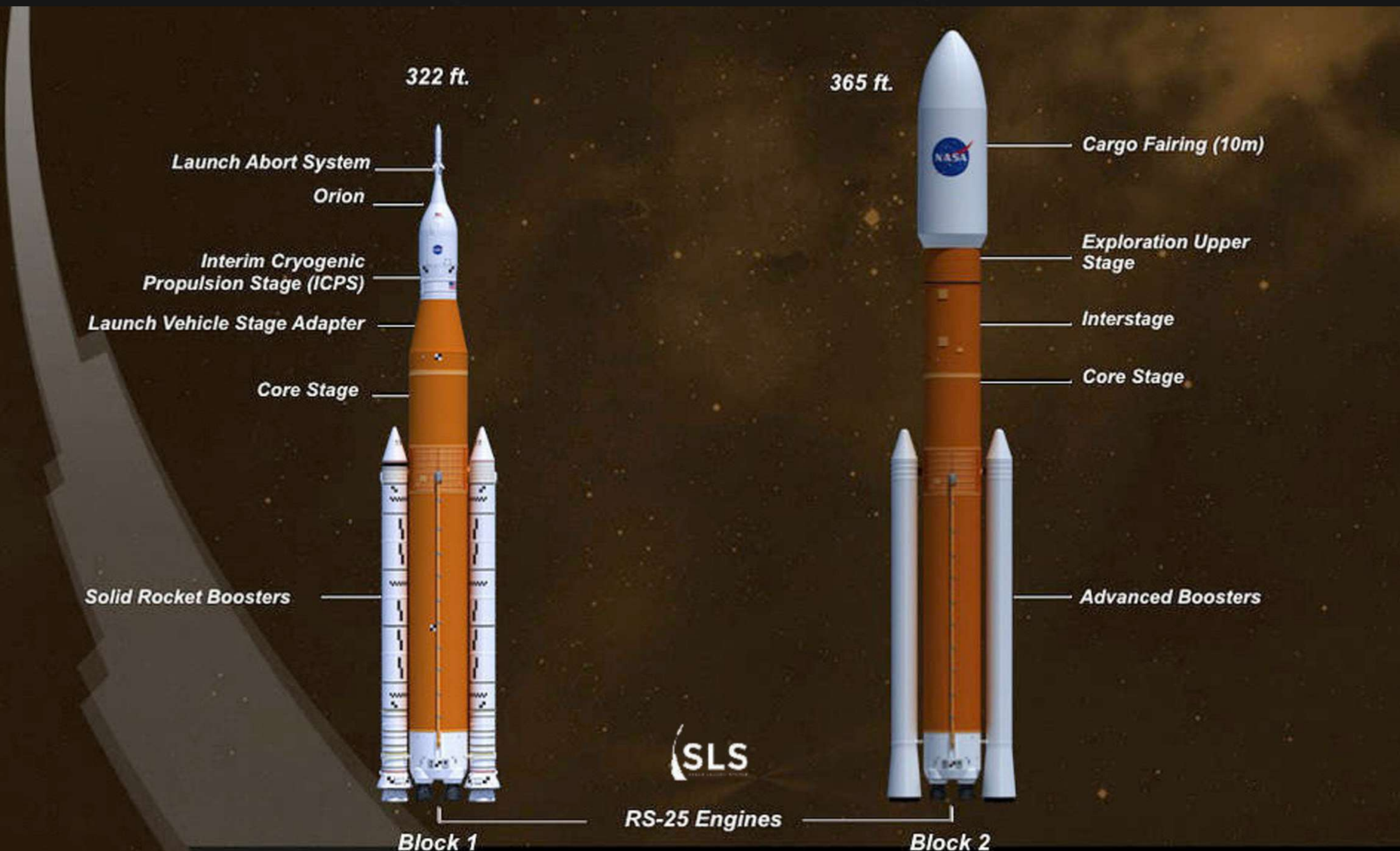
NASA Artemis Space Contact Program

ARTEMIS MOONBASE

TOPICS

- Deep Space Exploration Systems
- Starship Human Landing System
- Artemis Moon Base Camp

Credit: NASA



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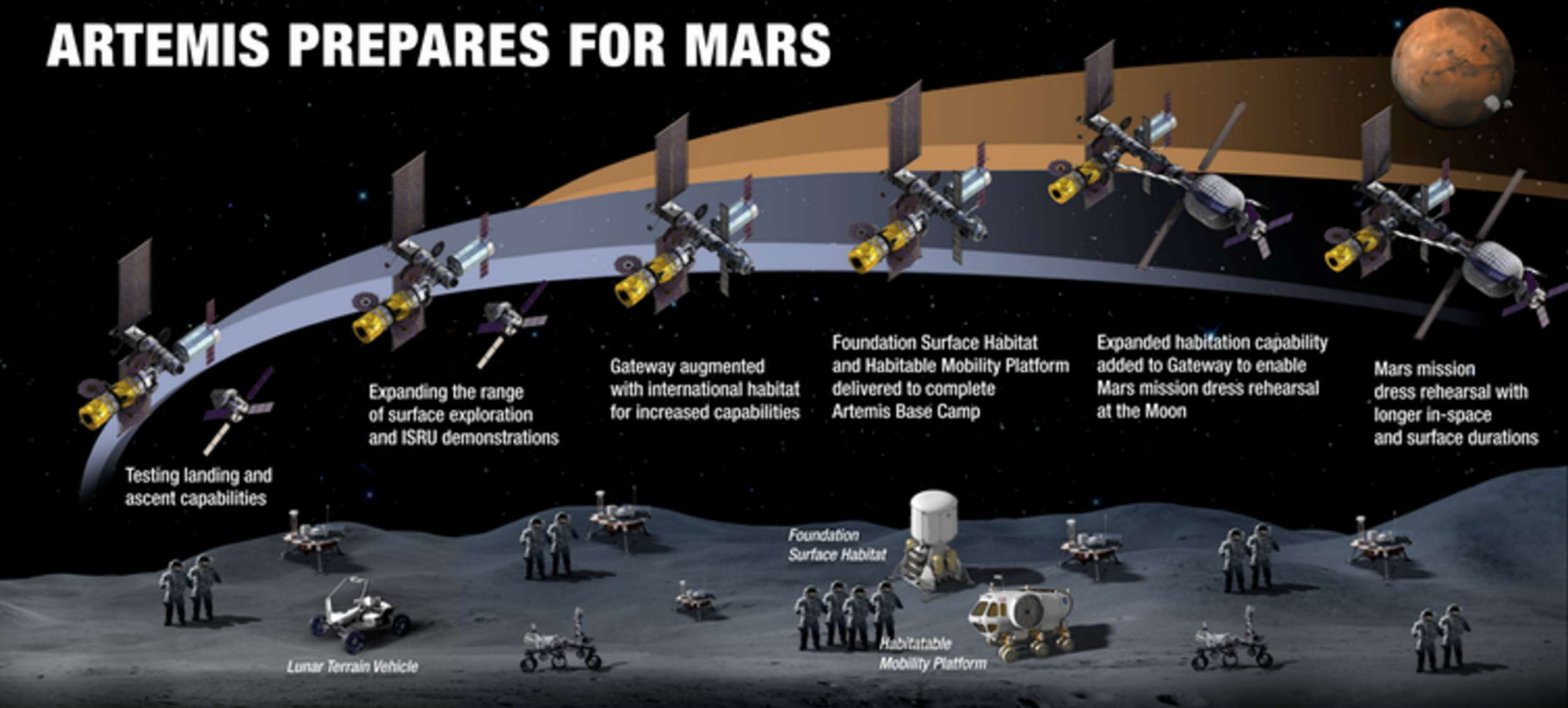
NASA Artemis Space Contact Program

ARTEMIS MARS

TOPICS

- Human Martian Exploration
- Mars Transit Vehicle
- Orion Multi-Purpose Crew Vehicle for Mars

ARTEMIS PREPARES FOR MARS



SUSTAINABLE LUNAR ORBIT STAGING CAPABILITY AND SURFACE EXPLORATION

MULTIPLE SCIENCE AND CARGO PAYLOADS | INTERNATIONAL PARTNERSHIP OPPORTUNITIES | TECHNOLOGY AND OPERATIONS DEMONSTRATIONS FOR MARS

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NASA Artemis Space Contact Program

ARTEMIS SPACE JOBS

TOPICS

Earth-Moon Economy

Artemis driven ISRU

#ArtemisGeneration Jobs & Career

Credit: NASA



Benefits

01

International Certification

Participants can earn a prestigious certification to enhance their exposure to latest of space industry.

02

Exclusive Artemis Content

Access to state-of-art learning platform and content especially designed for the contact program.

03

Competitive Edge

Participants gain a competitive advantage in your academic pursuits with specialized space program knowledge.

04

Space Career Guidance

Exposure to Artemis driven space career paths and opportunities within the dynamic field of space exploration.

05

Certification to Institutes

Decorate your institute with coveted certifications to further enhance its academic standing and prestige.

06

Plaque of Honour

Coordinators / Institute can be eligible for medals. Select Institutes can win the coveted Plaque of Honour.

How to Coordinate

01

Become a Coordinator, apply at iarf.res.in/artemis

On receiving your application through a google form, you will be assigned a Faculty Coordinator Code.

03

Give List of participants in Program Excel Form

You may also collect fee and neft total fee to us or we can provide an institute specific payment link.

05

Examination

Course has 4 modules and 12 chapters, it unfolds over 4 weeks. MCQ exam can be taken on completion.

02

Enrol Students for Space Contact Program

Promote by sharing posters sent to you as part of the Promo Kit (Level 1: School and Level 2: College / Educators).

04

Access Given to participants on receiving fee and form

Within 72 hours of students will receive emails with login credentials to access the learning platform.

06

Certificate & Medals

E-Certificates will be shared with faculty coordinators. Select performers may receive medals.

THE NEXT GIANT LEAP

NASA ARTEMIS Space Contact Program

Designed & Supervised by: Pushkar Ganesh Vaidya, Scientist, Indian Astrobiology Research Foundation (IARF)

PLAQUE OF HONOUR FOR INSTITUTE

School / College can win a
special commemorative
IARF Decade of Space
Artemis Plaque of Honour

BENEFITS FOR PARTICIPANTS

Participants / Institutes get:

International Certification for Students
Exclusive Artemis Content
Academic Competitive Edge
Exposure to Space Careers
Prestigious Certification to Institutes
Plaque of Honour

UNIQUE & ESSENTIAL PROGRAM FOR STUDENTS & EDUCATORS

This unique & essential contact program is part of Decade of Space Education (2024-2034), whose aim is to prepare students from across disciplines for the fast-developing US\$ 1 Trillion Space Economy jobs and careers.

OVERVIEW OF MODULES

ARTEMIS ACCORDS

Global Partnerships
for Space Exploration
2030 and Beyond

ARTEMIS MISSIONS

First human landing on
Moon in 21st century,
first woman on Moon

ARTEMIS TO MARS

Lunar Gateway, Human
base on Moon, Landing
on Mars and beyond

ARTEMIS CAREERS

High paying Jobs from
Lunar economy for all
academic disciplines

PROGRAM DETAILS

Mode: Online in English | **Course Code:** NSC01 (Level 1 to Level 3)

Duration: 1-2 months, self-paced **Exams:** MCQ, Grades awarded

Contact Program Website: iarf.res.in/artemis

Don't Miss Out, Register Your Institute Now, WhatsApp on: +9198701 59911

Note: This Space Contact Program is offered by ICSC-IARF. It can meet NAAC | NBA | NIRF | BCI | API Index | MOOC | Elective Credit criterion (for colleges). Further, for government operated municipal schools in India, this program is offered at no cost.

IARF



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