NASA Astronaut
Alvin Drew
STS-118, STS-133

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The future of human spaceflight: Celebrating Apollo and looking to Mars
HUMAN EXPLORATION
NASA’s Path to Mars

EARTH RELIANT
MISSION: 6 TO 12 MONTHS
RETURN TO EARTH: HOURS

PROVING GROUND
MISSION: 1 TO 12 MONTHS
RETURN TO EARTH: DAYS

MARS READY
MISSION: 2 TO 3 YEARS
RETURN TO EARTH: MONTHS

Mastering fundamentals aboard the International Space Station

U.S. companies provide access to low-Earth orbit

Expanding capabilities by visiting an asteroid redirected to a lunar distant retrograde orbit

The next step: traveling beyond low-Earth orbit with the Space Launch System rocket and Orion spacecraft

Developing planetary independence by exploring Mars, its moons and other deep space destinations

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