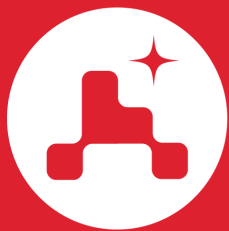
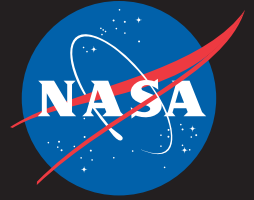


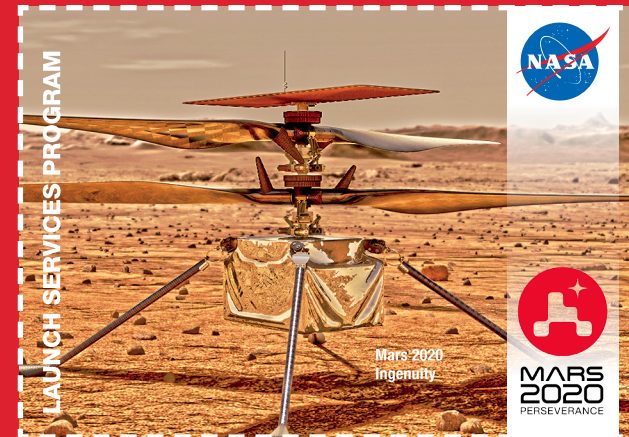
Collectible Card

CUTOUTS

National Aeronautics and
Space Administration



MARS 2020 PERSEVERANCE



LAUNCH SERVICES PROGRAM



MARS 2020 PERSEVERANCE

Collectible Card

CUTOUTS

PERSEVERANCE MARS 2020 ROVER

Launch Date:
Summer 2020

Launch Location:
SLC-41 Cape Canaveral Air Force Station, Florida

Landing Date:
Feb. 18, 2021

Landing Site:
Jezero Crater, Mars

Weight:
2,260 pounds (1,025 kilograms)

Mission:
Seek signs of ancient life and collect rock and soil samples for possible return to Earth

www.nasa.gov

SP-2020-06-605-KSC

ULA ATLAS V-541 LAUNCH VEHICLE

Launch Date:
Summer 2020

Launch Location:
**SLC-41
Cape Canaveral Air Force Station, Florida**

Height with payload:
196 feet (59.7 meters)

Flight Configuration Key

Payload Fairing Size (meters)	541	Number of Centaur Engines
		Number of Solid Rocket Boosters

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SP-2020-06-604-KSC

MARS "THE RED PLANET"

Distance from Earth:
When closest to Earth, Mars is about 33.9 million miles (54.6 million km) away

Size:
Diameter of about 4,212 miles (6780 km); which is half the size of Earth

Color:
Reddish, due to oxidization (or rusting) of iron in the rocks

Avg Temperature:
-81° F

One year:
687 days on Earth

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SP-2020-06-607-KSC

INGENUITY MARS 2020 HELICOPTER

Height:
About 19 inches (0.49 meters)

Weight:
4 pounds (1.8 kg)

Blade span:
About 4 feet (1.2 meters)

Power:
Solar-powered and recharges on its own

Flight Range:
Up to 980 ft (300 meters)

Flight altitude:
Up to 15 ft (5 meters)

Mission:
A technology demonstration to test the first powered flight on Mars.

www.nasa.gov

SP-2020-06-606-KSC



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