
TW@N
THIS WEEK @ NASA

1
00:00:00,000 --> 00:00:04,237
Introducing the crew of our
Artemis II Moon mission.

2
00:00:04,237 --> 00:00:06,840
Lighting up an Artemis rocket engine.

3
00:00:06,840 --> 00:00:09,309
And a new image of a distant planet.

4
00:00:09,309 --> 00:00:12,479
A few of the stories to tell you about,
This Week at NASA!

5
00:00:13,580 --> 00:00:19,786
Ladies and gentlemen,
your Artemis II crew!

6
00:00:19,786 --> 00:00:23,957
During an April 3 event near our
Johnson Space Center, in Houston,

7
00:00:23,957 --> 00:00:30,196
we introduced NASA’s Reid Wiseman,
Victor Glover, and Christina Hammock Koch,

8
00:00:30,196 --> 00:00:35,902
and the Canadian Space Agency’s
Jeremy Hansen, as the crew for Artemis II.

9
00:00:35,902 --> 00:00:40,306
It will be the first Artemis mission to
fly astronauts around the Moon and back

10
00:00:40,306 --> 00:00:45,311
on our Orion spacecraft, to validate the
systems, capabilities and techniques

11
00:00:45,311 --> 00:00:48,615

needed for humans to live
and work in deep space.

12
00:00:48,615 --> 00:00:54,354
Together we will usher in a new era
of exploration for a new generation

13
00:00:54,354 --> 00:00:57,357
of star sailors and dreamers.

14
00:00:57,357 --> 00:01:04,831
To the Moon, to Mars, and beyond.
(applause)

15
00:01:04,831 --> 00:01:10,570
Learn more about Artemis II
at nasa.gov/artemis-ii.

16
00:01:11,571 --> 00:01:16,409
Engineers at our Stennis Space Center
conducted a hot fire of an RS-25

17
00:01:16,409 --> 00:01:22,816
rocket engine on April 5. It was the fifth
hot fire of a 12-test series to certify

18
00:01:22,816 --> 00:01:24,617
production of new engines.

19
00:01:24,617 --> 00:01:29,055
Four RS-25s will help power our
Space Launch System rocket

20
00:01:29,055 --> 00:01:31,658
on future Artemis missions to the Moon.

21
00:01:32,592 --> 00:01:37,130
Our James Webb Space Telescope
captured this new image of Uranus

22
00:01:37,130 --> 00:01:42,535
that highlights the planet’s dramatic
rings and bright atmospheric features.

23
00:01:42,535 --> 00:01:46,706
The data demonstrate Webb’s sensitivity
for the distant planet’s faintest

24
00:01:46,706 --> 00:01:52,078
dusty rings, which have only been imaged
by two other facilities besides Webb.

25
00:01:52,979 --> 00:01:57,484
Our Perseverance rover recently collected
and stored the first sample

26
00:01:57,484 --> 00:02:00,286
of the mission’s newest science campaign.

27
00:02:00,286 --> 00:02:05,058
The sample came from a rock the science
team calls “Berea” that is located

28
00:02:05,058 --> 00:02:08,661
near the top of
Jezero Crater’s delta on Mars.