



1

00:00:00,549 --> 00:00:04,080

The impact of coronavirus to NASA's missions

...

2

00:00:04,080 --> 00:00:08,330

Prelaunch training continues for the next
space station crew ...

3

00:00:08,330 --> 00:00:13,070

And launch preparations for Orion ... a few
of the stories to tell you about – This

4

00:00:13,070 --> 00:00:16,340

Week at NASA!

5

00:00:16,340 --> 00:00:22,390

As part of our continued response to the coronavirus
pandemic, a mandatory telework policy for

6

00:00:22,390 --> 00:00:28,140

non-essential employees remains in effect
to protect the health and safety of the NASA

7

00:00:28,140 --> 00:00:29,140

workforce.

8

00:00:29,140 --> 00:00:34,539

In a virtual "Ask the Administrator" session,
Administrator Jim Bridenstine and other senior

9

00:00:34,539 --> 00:00:41,219

officials responded to questions and concerns
employees have about the coronavirus situation.

10

00:00:41,219 --> 00:00:47,370

"Your agency – NASA is involved in providing
solution sets for the nation.

11

00:00:47,370 --> 00:00:52,910

And we will be more and more involved as days go on because we do have an extremely talented,

12
00:00:52,910 --> 00:00:56,460
very bright workforce and a lot of capabilities that can help.”

13
00:00:56,460 --> 00:00:58,039
“We really have tried to be proactive.

14
00:00:58,039 --> 00:01:05,900
Really look at conditions on the ground and make decisions based on – not only the current

15
00:01:05,900 --> 00:01:11,261
conditions – but like you said, where things are headed and be proactive and try to stay

16
00:01:11,261 --> 00:01:13,410
out ahead of this.”

17
00:01:13,410 --> 00:01:19,090
NASA leadership is assessing what can be done remotely, work that will be paused, and mission-essential

18
00:01:19,090 --> 00:01:21,580
activities that must continue.

19
00:01:21,580 --> 00:01:26,380
Some of the mission-essential work identified includes preparing the Perseverance rover

20
00:01:26,380 --> 00:01:32,170
and helicopter for our Mars 2020 mission, limited work on the Orion spacecraft and the

21
00:01:32,170 --> 00:01:38,280
Space Launch System rocket for our Artemis Program, construction of our X-59 quiet supersonic

22
00:01:38,280 --> 00:01:44,900
aircraft, keeping the agency's supercomputing
and IT security resources online, and the

23
00:01:44,900 --> 00:01:49,500
continued support of all International Space
Station operations.

24
00:01:49,500 --> 00:01:54,020
The next crew headed to the International
Space Station, including our Chris Cassidy,

25
00:01:54,020 --> 00:01:59,730
wrapped up activities in Star City Russia,
then left for the Baikonur Cosmodrome in Kazakhstan

26
00:01:59,730 --> 00:02:03,320
to continue training for its April 9 launch.

27
00:02:03,320 --> 00:02:09,470
While mindful of the coronavirus situation,
the crew already follows a standardized routine

28
00:02:09,470 --> 00:02:14,410
that has always been in place to prevent illnesses
from being brought to the space station.

29
00:02:14,410 --> 00:02:16,740
"We're traveling with a very small team.

30
00:02:16,740 --> 00:02:22,170
All of us have been in quarantine together,
everybody practicing the same health precautions,

31
00:02:22,170 --> 00:02:26,250
and we'll do the exact same thing in Baikonur."

32
00:02:26,250 --> 00:02:31,970
The Orion spacecraft for Artemis I returned

to our Kennedy Space Center in Florida after

33
00:02:31,970 --> 00:02:37,250
completing some rigorous environmental testing
at our Plum Brook Station in Ohio.

34
00:02:37,250 --> 00:02:42,400
The spacecraft will now undergo final preparations
for its launch on Artemis I.

35
00:02:42,400 --> 00:02:47,730
The uncrewed test flight is the first in a
series of increasingly complex missions to

36
00:02:47,730 --> 00:02:53,740
the Moon that will ultimately lead to human
exploration of Mars.

37
00:02:53,740 --> 00:02:58,920
Our Curiosity Mars rover snapped this selfie
recently, just before setting a record for

38
00:02:58,920 --> 00:03:01,760
the steepest terrain it has ever climbed.

39
00:03:01,760 --> 00:03:06,850
The climb up the "Greenheugh Pediment," a
broad sheet of rock that sits atop a hill,

40
00:03:06,850 --> 00:03:11,980
tilted the rover 31 degrees – the most it
has ever tilted on Mars.

41
00:03:11,980 --> 00:03:18,030
The 360-degree selfie was stitched together
from 86 images.

42
00:03:18,030 --> 00:03:23,060
In case you missed it, the newest edition
of NASA's Spinoff publication is available.

43
00:03:23,060 --> 00:03:27,631
It features dozens of commercial technologies developed or improved by the agency's space

44
00:03:27,631 --> 00:03:31,420
program that now benefit people everywhere.

45
00:03:31,420 --> 00:03:37,099
Print and digital versions of the latest issue of Spinoff are available at: spinoff.nasa.gov

46
00:03:37,099 --> 00:03:40,550
That's what's up this week @NASA ...