
announced the U.S.
will send ...

1
00:00:00,290 --> 00:00:06,490
Sending a helicopter to Mars …
A busy week for our new Administrator …

2
00:00:06,490 --> 00:00:12,910
And showcasing how technology enables exploration
– a few of the stories to tell you about

3
00:00:12,910 --> 00:00:16,530
– This Week at NASA!

4
00:00:16,530 --> 00:00:20,980
Our administrator Jim Bridenstine announced
the U.S. will send the first helicopter to

5
00:00:20,980 --> 00:00:25,380
the Red Planet as part of the Mars 2020 rover
mission.

6
00:00:25,380 --> 00:00:31,340
The small Mars copter will make a series of
test flights in Mars' thin atmosphere, which

7
00:00:31,340 --> 00:00:36,310
may enable more ambitious missions in the
future.

8
00:00:36,310 --> 00:00:41,270
Exploring the Moon and Mars was a recurring
theme during a busy third week in office for

9
00:00:41,270 --> 00:00:46,510
the administrator, including a May 8 industry
day at NASA Headquarters, where he encouraged

10
00:00:46,510 --> 00:00:52,239
companies to respond to NASA's upcoming
call for commercial delivery missions to the

11

00:00:52,239 --> 00:00:53,239
Moon.

12
00:00:53,239 --> 00:00:58,130
"Some of you in this room will deliver payloads
to the surface of the moon.

13
00:00:58,130 --> 00:01:03,530
You will increase our national capabilities
and you will help establish our leadership

14
00:01:03,530 --> 00:01:04,530
in the world."

15
00:01:04,530 --> 00:01:09,330
We are returning to the Moon with commercial
and international partners in support of President

16
00:01:09,330 --> 00:01:14,810
Trump’s Space Policy Directive 1, which
is designed to increase science activities

17
00:01:14,810 --> 00:01:21,000
near and on the Moon, ultimately return humans
to the lunar surface, and prepare for missions

18
00:01:21,000 --> 00:01:22,550
to Mars and beyond.

19
00:01:22,550 --> 00:01:26,110
"At some point in the past Mars changed.

20
00:01:26,110 --> 00:01:31,170
We need to understand what caused that - what
is the history - so we can better understand

21
00:01:31,170 --> 00:01:32,340
our own planet."

22

00:01:32,340 --> 00:01:37,560
The following day, Bridenstine delivered the
keynote at the Humans to Mars Summit 2018

23
00:01:37,560 --> 00:01:40,350
at The George Washington University, in Washington.

24
00:01:40,350 --> 00:01:46,370
The annual event addresses the technical,
scientific and policy challenges of making

25
00:01:46,370 --> 00:01:50,630
human exploration of Mars a reality.

26
00:01:50,630 --> 00:01:56,420
On May 9, our astronaut Randy Bresnik and
European Space Agency astronaut Paolo Nespoli

27
00:01:56,420 --> 00:02:00,509
joined NASA officials for our Tech Day on
the Hill event.

28
00:02:00,509 --> 00:02:05,560
The event showcased exhibits from NASA and
its industry and academic partners, to help

29
00:02:05,560 --> 00:02:11,099
demonstrate for Capitol Hill stakeholders
and the media the important role technology

30
00:02:11,099 --> 00:02:15,150
plays in enabling exploration.

31
00:02:15,150 --> 00:02:20,560
We have signed a second space act agreement
with Uber to further explore concepts and

32
00:02:20,560 --> 00:02:26,419
technologies related to urban air mobility,
a system NASA and others are working on today

33
00:02:26,419 --> 00:02:32,099
to ensure safe and efficient air transportation
above the streets of populated areas in the

34
00:02:32,099 --> 00:02:33,099
future.

35
00:02:33,099 --> 00:02:38,709
Uber will share its plans for an aviation
rideshare network, while NASA will use airspace

36
00:02:38,709 --> 00:02:44,439
management computer modeling and simulation
to assess the impacts of small aircraft in

37
00:02:44,439 --> 00:02:48,010
crowded environments.

38
00:02:48,010 --> 00:02:53,849
The recent eruptions of Kilauea volcano on
the island of Hawaii were captured by a Japanese-built

39
00:02:53,849 --> 00:02:57,599
thermal imager on our Terra spacecraft.

40
00:02:57,599 --> 00:03:03,449
The May 3 eruption triggered a number of additional
fissure eruptions along the East Rift Zone.

41
00:03:03,449 --> 00:03:09,739
It also produced high levels of sulfur dioxide
gas – prompting evacuations in the area.

42
00:03:09,739 --> 00:03:15,519
The image shows the gas in yellow and yellow-green,
including a massive plume of it moving out