
РОСКОСМОС
J. FISCHER

1
00:00:00,799 --> 00:00:05,109
“Here’s some of the stories trending This
Week at NASA!”

2
00:00:05,109 --> 00:00:11,260
On Nov. 1, Rep. Jim Bridenstine, the president’s
nominee to be the next administrator of NASA,

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00:00:11,260 --> 00:00:15,060
appeared before the Senate Committee on Commerce,
Science, and Transportation.

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00:00:15,060 --> 00:00:20,660
"NASA is an extraordinary agency with an extremely
talented and diverse workforce.

5
00:00:20,660 --> 00:00:26,310
It has brought about civilization changing
events and scientific discoveries.

6
00:00:26,310 --> 00:00:31,439
It has inspired billions of people and it
represents what is exceptional about the United

7
00:00:31,439 --> 00:00:32,480
States of America.

8
00:00:32,480 --> 00:00:36,269
I am truly humbled by the prospect of leading
this agency.”

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00:00:36,269 --> 00:00:41,920
Bridenstine, a pilot in the U.S. Navy Reserve
and former executive director of the Tulsa

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00:00:41,920 --> 00:00:47,850
Air and Space Museum and Planetarium, was
elected to the U.S. Congress in 2012 to represent

11

00:00:47,850 --> 00:00:50,519
Oklahoma’s First Congressional District.

12
00:00:50,519 --> 00:00:55,870
If confirmed, he would become NASA’s 13th Administrator.

13
00:00:55,870 --> 00:01:00,879
NASA is evaluating how astronauts and ground crew would quickly and safely exit our Orion

14
00:01:00,879 --> 00:01:04,210
spacecraft in the event of an emergency on the launch pad.

15
00:01:04,210 --> 00:01:10,680
A test at our Johnson Space Center in Houston on Oct. 31 used a mockup of Orion, the new

16
00:01:10,680 --> 00:01:15,370
spacecraft which will launch on our Space Launch System rocket, and take humans farther

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00:01:15,370 --> 00:01:18,480
into the solar system than ever before.

18
00:01:18,480 --> 00:01:23,250
Flight and ground crew are required to exit Orion within two minutes in case of a launch

19
00:01:23,250 --> 00:01:26,440
pad emergency.

20
00:01:26,440 --> 00:01:31,160
Astronaut Jack Fischer shared imagery and experiences from his recent time in space,

21
00:01:31,160 --> 00:01:36,320
during a Nov. 3 public presentation at the Smithsonian’s National Air & Space Museum

22
00:01:36,320 --> 00:01:37,720
in Washington.

23
00:01:37,720 --> 00:01:41,960
Fischer served as a Flight Engineer aboard
the International Space Station’s Expedition

24
00:01:41,960 --> 00:01:44,020
51/52 crew.

25
00:01:44,020 --> 00:01:47,110
He returned to Earth on Sep. 3.

26
00:01:47,110 --> 00:01:52,981
During his 136 days in space, Fischer worked
with hundreds of scientific experiments, and

27
00:01:52,981 --> 00:01:56,420
conducted two spacewalks.

28
00:01:56,420 --> 00:02:02,250
Thanks to the availability of smaller, better
cameras, our Mars 2020 mission will have more

29
00:02:02,250 --> 00:02:05,360
"eyes" than any rover before it.

30
00:02:05,360 --> 00:02:12,091
23 cameras will help capture sweeping panoramas,
reveal obstacles, study the atmosphere, and

31
00:02:12,091 --> 00:02:14,810
assist in science investigations.

32
00:02:14,810 --> 00:02:20,580
Mars 2020’s camera package will also have
more color and 3-D imaging than the Curiosity

33
00:02:20,580 --> 00:02:27,440
rover – including an improved stereoscopic
and zoom-capable version of the Mastcam, called

34
00:02:27,440 --> 00:02:29,050
Mastcam-Z.

35
00:02:29,050 --> 00:02:34,220
It can spot features like erosion and soil
textures from as far away as the length of

36
00:02:34,220 --> 00:02:35,220
a soccer field.

37
00:02:35,220 --> 00:02:38,730
And that’s what’s up this week @NASA …