



as the 13th administrator
of NASA on April 23 ...

1

00:00:00,160 --> 00:00:03,710

Vice President Pence swears in our new NASA Administrator ...

2

00:00:03,710 --> 00:00:07,600

A Hubble anniversary flythrough of a nebula

...

3

00:00:07,600 --> 00:00:12,300

And the smell in the clouds of one of our outermost planets – a few of the stories

4

00:00:12,300 --> 00:00:14,610

to tell you about – This Week at NASA!

5

00:00:14,610 --> 00:00:18,750

"I, James Bridenstine, do solemnly swear ..."

6

00:00:18,750 --> 00:00:24,660

Jim Bridenstine officially took office as the 13th administrator of NASA on April 23,

7

00:00:24,660 --> 00:00:29,880

after he was given the oath of office by Vice President Mike Pence at the agency's headquarters

8

00:00:29,880 --> 00:00:30,880

in Washington.

9

00:00:30,880 --> 00:00:35,460

"Mission success depends on more than just resources alone.

10

00:00:35,460 --> 00:00:38,050

It requires leadership.

11

00:00:38,050 --> 00:00:40,050

You need clear, ambitious goals.

12
00:00:40,050 --> 00:00:46,810
That's exactly the kind of leadership that
you will have starting today with NASA's new

13
00:00:46,810 --> 00:00:49,400
Administrator, Jim Bridenstine.

14
00:00:49,400 --> 00:00:51,440
[Applause.]"

15
00:00:51,440 --> 00:00:56,579
The event also featured live greetings from
our astronauts living and working in space.

16
00:00:56,579 --> 00:01:02,309
"Congratulations on your selection to lead
NASA as you report to duty.

17
00:01:02,309 --> 00:01:07,000
Mr. Vice President, Mr. Bridenstine - welcome
onboard the International Space Station."

18
00:01:07,000 --> 00:01:10,960
"NASA represents what is best about the
United States of America.

19
00:01:10,960 --> 00:01:16,200
I will do my best to serve our storied agency
to the utmost of my abilities as we reach

20
00:01:16,200 --> 00:01:20,380
for new heights and reveal the unknown for
the benefit of humankind.

21
00:01:20,380 --> 00:01:25,170
Thank you so much."

22
00:01:25,170 --> 00:01:30,030
This virtual flythrough into the core of the

Lagoon Nebula was made with imagery from our

23

00:01:30,030 --> 00:01:34,780

Hubble Space Telescope – in celebration
of the telescope's twenty-eighth anniversary

24

00:01:34,780 --> 00:01:36,170

in space.

25

00:01:36,170 --> 00:01:41,590

The Lagoon Nebula is a rich, star birth region
in the constellation Sagittarius.

26

00:01:41,590 --> 00:01:48,090

It has a young star named Herschel 36 that
is about 200,000 times brighter and 32 times

27

00:01:48,090 --> 00:01:50,980

more massive than our Sun.

28

00:01:50,980 --> 00:01:57,200

A long-standing mystery about the clouds on
the planet Uranus has been solved.

29

00:01:57,200 --> 00:02:02,350

Researchers using the Gemini Observatory's
telescope in Hawaii gathered spectroscopic

30

00:02:02,350 --> 00:02:07,920

data that shows the planet's cloud tops
contains hydrogen sulfide – the odiferous

31

00:02:07,920 --> 00:02:10,890

gas that reeks of rotten eggs.

32

00:02:10,890 --> 00:02:15,720

Human visitors wouldn't have to worry about
the stench, though – exposure to the planet's

33

00:02:15,720 --> 00:02:23,810

extremely frigid and volatile atmosphere would take its toll long before the smell.

34

00:02:23,810 --> 00:02:29,580

The Mars InSight Roadshow is stopping at cities along the earthquake-prone California coast

35

00:02:29,580 --> 00:02:35,810

to explain how our InSight robotic lander will study Mars' deep interior using seismology

36

00:02:35,810 --> 00:02:38,690

and other geophysical measurements.

37

00:02:38,690 --> 00:02:43,380

The launch from California's Vandenberg Air Force Base, scheduled for May 5, will be the

38

00:02:43,380 --> 00:02:48,180

first interplanetary launch from the West Coast.

39

00:02:48,180 --> 00:02:53,560

The U.S. Astronaut Hall of Fame inducted its two newest members on April 21.

40

00:02:53,560 --> 00:02:59,130

Scott Altman, a veteran of four space shuttle flights – including STS-125 – the final

41

00:02:59,130 --> 00:03:04,330

servicing mission to the Hubble Space Telescope, and Dr. Tom Jones, whose fourth and final

42

00:03:04,330 --> 00:03:09,340

space shuttle mission – STS-98 – delivered the Destiny Laboratory to the International

43

00:03:09,340 --> 00:03:14,130

Space Station – were both inducted during
a ceremony at the Kennedy Space Center Visitor

44

00:03:14,130 --> 00:03:16,090

Complex in Florida.

45

00:03:16,090 --> 00:03:19,010

That's what's up this week @NASA ...