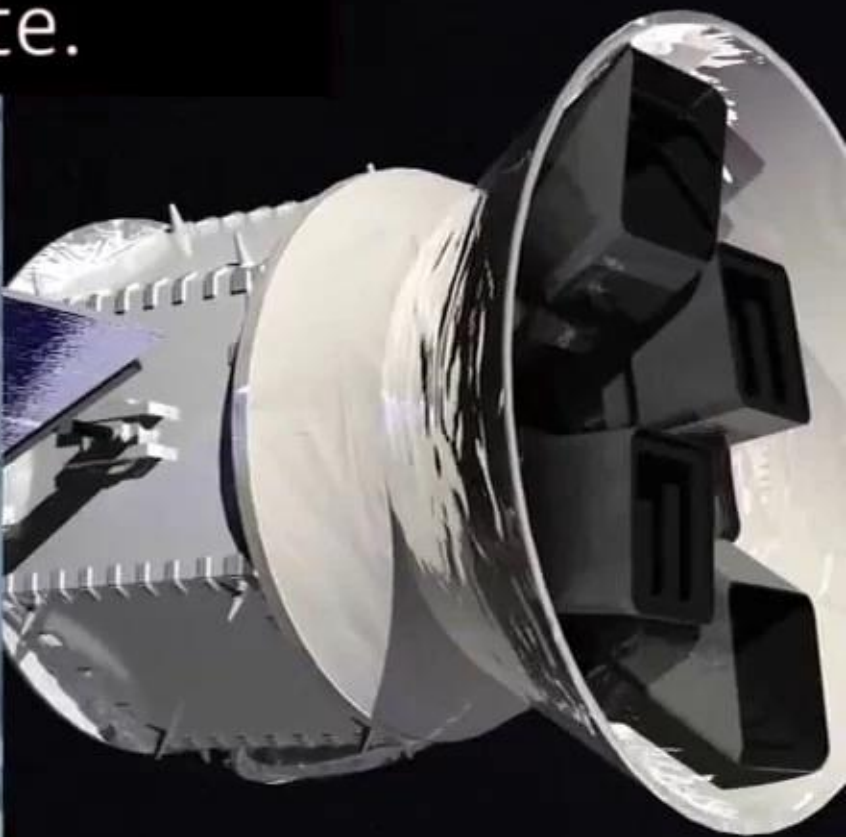




Arrival of our next planet-hunting satellite.



1

00:00:00,290 --> 00:00:04,040

The Fiscal Year 2019 budget and the State of NASA ...

2

00:00:04,040 --> 00:00:07,730

Astronauts at work outside the International Space Station ...

3

00:00:07,730 --> 00:00:12,639

And the arrival of our next planet-hunting satellite ... a few of the stories to tell

4

00:00:12,639 --> 00:00:16,370

you about – This Week at NASA!

5

00:00:16,370 --> 00:00:21,440

During a Feb. 12 State of NASA address at Marshall Space Flight Center, in Huntsville,

6

00:00:21,440 --> 00:00:29,250

Alabama, our acting Administrator Robert Lightfoot discussed the significance of President Trump's

7

00:00:29,250 --> 00:00:32,570

\$19.9 billion Fiscal Year 2019 budget request for the agency.

8

00:00:32,570 --> 00:00:36,610

"It really reflects the administration's confidence that America will lead the way

9

00:00:36,610 --> 00:00:41,150

back to the Moon, and take that next giant leap from where we made the first small step

10

00:00:41,150 --> 00:00:43,080

for humanity some fifty years ago."

11

00:00:43,080 --> 00:00:48,190

Lightfoot thanked employees and attributed the confidence reflected in the budget to

12

00:00:48,190 --> 00:00:49,760

the work of thousands of people.

13

00:00:49,760 --> 00:00:51,330

“You always come through.

14

00:00:51,330 --> 00:00:55,170

We have one mission success after another.

15

00:00:55,170 --> 00:01:00,620

And because of that, I say, ‘the state of NASA is strong!’

16

00:01:00,620 --> 00:01:02,120

(Applause)”

17

00:01:02,120 --> 00:01:08,720

On Feb. 16, our Mark Vande Hei teamed with Japan’s Norishige Kanai to conduct the International

18

00:01:08,720 --> 00:01:11,080

Space Station’s third spacewalk of the year

...

19

00:01:11,080 --> 00:01:14,610

“I’m standing by for your ‘go’ before I install this.”

20

00:01:14,610 --> 00:01:19,220

... the spacewalkers’ goal was to move several components for the station’s robotic system

21

00:01:19,220 --> 00:01:21,670

into long-term storage.

22

00:01:21,670 --> 00:01:28,780

A Progress cargo spacecraft launched to the space station from Kazakhstan on Feb. 13.

23  
00:01:28,780 --> 00:01:34,010  
Two days later, it docked to the orbital outpost with more than three tons of food, fuel and

24  
00:01:34,010 --> 00:01:37,980  
supplies for the Expedition 54 crew onboard.

25  
00:01:37,980 --> 00:01:43,130  
The Progress will remain at the station until late August.

26  
00:01:43,130 --> 00:01:48,479  
The Transiting Exoplanet Survey Satellite, or TESS – our next planet-hunting mission

27  
00:01:48,479 --> 00:01:52,990  
– arrived Feb. 12 at our Kennedy Space Center in Florida.

28  
00:01:52,990 --> 00:01:58,460  
TESS is the next step in our search for planets outside this solar system, including those

29  
00:01:58,460 --> 00:02:00,340  
that could support life.

30  
00:02:00,340 --> 00:02:05,110  
The spacecraft is set to launch later this year from Cape Canaveral Air Force Station

31  
00:02:05,110 --> 00:02:07,880  
aboard a SpaceX Falcon 9 rocket.

32  
00:02:07,880 --> 00:02:11,160  
That's what's up this week @NASA ...