



1

00:00:00,760 --> 00:00:05,100

"Here's some of the stories trending This Week at NASA!"

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00:00:05,100 --> 00:00:10,220

On March 21, President Trump signed the National Aeronautics and Space Administration Transition

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00:00:10,220 --> 00:00:13,240

Authorization Act of 2017.

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00:00:13,240 --> 00:00:18,510

The bipartisan legislation reaffirms Congress' commitment to the agency and directs it to

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00:00:18,510 --> 00:00:25,230

pursue a balanced portfolio for space exploration and space science, including continued development

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00:00:25,230 --> 00:00:31,220

of the Space Launch System, Orion, and Commercial Crew Program; space and planetary science

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00:00:31,220 --> 00:00:36,500

missions, such as the James Webb Space Telescope, Wide-Field Infrared Survey Telescope, and

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00:00:36,500 --> 00:00:41,749

Europa mission; and ongoing operations of the International Space Station and Commercial

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00:00:41,749 --> 00:00:44,159

Resupply Services Program.

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00:00:44,159 --> 00:00:48,679

In a statement, acting NASA Administrator Robert Lightfoot, who attended the signing,

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00:00:48,679 --> 00:00:54,370

along with two astronauts and members of Congress, thanked the president and Congress for supporting

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00:00:54,370 --> 00:00:57,550

the agency and its mission.

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00:00:57,550 --> 00:01:02,869

On March 24, NASA's Shane Kimbrough and Thomas Pesquet of ESA conducted the first

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00:01:02,869 --> 00:01:08,000

in a series of three planned spacewalks outside the International Space Station -- to prepare

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00:01:08,000 --> 00:01:14,140

it for the future arrival of U.S. commercial crew spacecraft and upgrade station hardware.

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00:01:14,140 --> 00:01:18,250

This spacewalk included work to prepare for installation of a docking port for future

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00:01:18,250 --> 00:01:23,880

commercial crew vehicles, maintenance on the station's Canadarm2 robotic arm, inspection

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00:01:23,880 --> 00:01:27,640

of a radiator and replacement of several cameras.

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00:01:27,640 --> 00:01:33,790

The two remaining spacewalks in the series are targeted in the next couple of weeks.

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00:01:33,790 --> 00:01:39,630

On March 19, the SpaceX Dragon cargo spacecraft was un-berthed and released from the space

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00:01:39,630 --> 00:01:45,750

station almost a month after delivering nearly 5,500 pounds of supplies to the station.

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00:01:45,750 --> 00:01:51,650
Hours later, the Dragon splashed down safely
in the Pacific Ocean about 200 miles southwest

23
00:01:51,650 --> 00:01:53,820
of Long Beach, California.

24
00:01:53,820 --> 00:01:57,950
It brought back a variety of experiments,
the results of which could help researchers

25
00:01:57,950 --> 00:02:02,520
develop better medical treatments for humans
on Earth and in space.

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00:02:02,520 --> 00:02:06,900
This was the company's tenth contracted cargo
resupply mission to the International Space

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00:02:06,900 --> 00:02:09,960
Station for NASA.

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00:02:09,960 --> 00:02:14,790
NASA astronaut Jeff Williams, who returned
to Earth last September from the space station,

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00:02:14,790 --> 00:02:19,120
made several appearances in the Washington
area the week of March 20.

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00:02:19,120 --> 00:02:24,459
Williams shared experiences from his mission
during a video presentation March 23 at the

31
00:02:24,459 --> 00:02:29,629
Smithsonian National Air and Space Museum
in Washington, and earlier in the week he

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00:02:29,629 --> 00:02:35,060
presented NASA's Silver Snoopy Award to
Information Technology Specialist, Ann Marie

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00:02:35,060 --> 00:02:37,959
Keim, at NASA headquarters.

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00:02:37,959 --> 00:02:42,159
Astronauts present the award to recognize
employees for their outstanding performance

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00:02:42,159 --> 00:02:47,569
and contribution to flight safety and mission
success.

36
00:02:47,569 --> 00:02:53,260
On March 23, NASA's Associate Administrator
for Space Technology, Steve Jurczyk and Ames

37
00:02:53,260 --> 00:02:58,620
Research Center Director Eugene Tu visited
Bally Ribbon Mills in Bally, Pennsylvania.

38
00:02:58,620 --> 00:03:04,489
A tour of the company's facility included
a first-hand look at work being done on a

39
00:03:04,489 --> 00:03:10,150
new advanced woven thermal protection system
being developed for potential NASA planetary

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00:03:10,150 --> 00:03:13,430
exploration missions.

41
00:03:13,430 --> 00:03:19,150
NASA scientists discussed findings and perspectives
on a range of topics during the 48th Lunar

42
00:03:19,150 --> 00:03:24,919
and Planetary Science Conference, March 20-24

near Houston.

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00:03:24,919 --> 00:03:29,469
Several NASA briefings were held during which
representatives from the agency's Planetary

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00:03:29,469 --> 00:03:34,320
Science Division updated the community on
the status of NASA's fleet of planetary

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00:03:34,320 --> 00:03:36,340
missions and programs.

46
00:03:36,340 --> 00:03:41,129
The annual event brings together international
specialists to present the latest results