



1

00:00:00,669 --> 00:00:04,930

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

2

00:00:04,930 --> 00:00:10,410

The celebration of Apollo 11's 45th anniversary and looking ahead to future space exploration

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00:00:10,410 --> 00:00:13,880

continued this week with several events around the country.

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00:00:13,880 --> 00:00:19,720

At the Kennedy Space Center July 21, the historic Operations and Checkout Building was renamed

5

00:00:19,720 --> 00:00:25,100

in honor of Apollo 11 Commander Neil Armstrong, who passed away in 2012.

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00:00:25,100 --> 00:00:30,609

The facility, once used to process and test Apollo spacecraft, now is being used to assemble

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00:00:30,609 --> 00:00:32,610

NASA's Orion spacecraft.

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00:00:32,610 --> 00:00:38,120

The event featured NASA Administrator Charlie Bolden, Kennedy's Center Director Bob Cabana,

9

00:00:38,120 --> 00:00:42,239

International Space Station Commander Steve Swanson and Flight Engineer Reid Wiseman of

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00:00:42,239 --> 00:00:48,069

NASA via satellite downlink, and friends, family and colleagues of Armstrong, including

11

00:00:48,069 --> 00:00:53,300

fellow Apollo 11 crew members Buzz Aldrin and Michael Collins.

12

00:00:53,300 --> 00:00:57,659

President Obama met with Administrator Bolden, Collins and Aldrin in the Oval Office of the

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00:00:57,659 --> 00:01:03,629

White House July 22 to share memories about Apollo 11 and discuss NASA's "next giant

14

00:01:03,629 --> 00:01:06,210

leap" to send astronauts to Mars.

15

00:01:06,210 --> 00:01:11,469

And NASA interactive displays and other activities were featured at the Intrepid Sea, Air and

16

00:01:11,469 --> 00:01:18,009

Space Museum's third annual Space & Science Festival, July 16-20 in New York – including

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00:01:18,009 --> 00:01:23,610

a discussion with Aldrin and NASA astronaut Mike Massimino about space exploration.

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00:01:23,610 --> 00:01:28,741

NASA's Steve Swanson and Reid Wiseman made another special appearance from the space

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00:01:28,741 --> 00:01:33,010

station – this one before the U.S. House Committee on Science, Space and Technology,

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00:01:33,010 --> 00:01:34,700

on July 24.

21

00:01:34,700 --> 00:01:38,689

During the satellite downlink, Swanson and

Wiseman talked about the research conducted

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00:01:38,689 --> 00:01:44,200

on the station and its potential benefit for humans in space and on Earth.

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00:01:44,200 --> 00:01:50,490

Meanwhile, three months after delivering 2-and-a-half tons of food, fuel and supplies to the station,

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00:01:50,490 --> 00:01:56,039

the Russian ISS Progress 55 cargo ship left the station on July 21.

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00:01:56,039 --> 00:02:01,679

Two days later, its replacement, ISS Progress 56 launched from the Baikonur Cosmodrome in

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00:02:01,679 --> 00:02:06,899

Kazakhstan – arriving at the station six hours later with almost three tons of supplies

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00:02:06,899 --> 00:02:10,349

for the Expedition 40 crew.

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00:02:10,349 --> 00:02:15,580

The NEEMO 18 mission is underway in the underwater Aquarius research habitat off the coast of

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00:02:15,580 --> 00:02:17,460

Key Largo, Florida.

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00:02:17,460 --> 00:02:22,640

NASA astronauts Jeanette Epps and Mark Vande Hei discussed the mission during live satellite

31

00:02:22,640 --> 00:02:24,420

interviews recently.

32

00:02:24,420 --> 00:02:29,420

The crew is testing technologies and training techniques for long-duration missions aboard

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00:02:29,420 --> 00:02:34,459

the ISS and to deep space destinations.

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00:02:34,459 --> 00:02:40,870

Engineers at Stennis Space Center have installed an RS-25 engine on the A-1 test stand in preparation

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00:02:40,870 --> 00:02:42,060

for testing.

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00:02:42,060 --> 00:02:46,950

Early tests on the former space shuttle main engines will collect data on the performance

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00:02:46,950 --> 00:02:50,530

of a new advanced engine controller and other modifications.

38

00:02:50,530 --> 00:02:56,470

Four RS-25 engines will power the new Space Launch System rocket's core stage, including

39

00:02:56,470 --> 00:02:58,209

on its first flight test.

40

00:02:58,209 --> 00:03:00,700

And that's what's up this week @NASA ...