

TH

20

Space station ready  
for new  
docking ports



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00:00:00,940 --> 00:00:05,130

“Here’s some of the stories trending This Week at NASA!”

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00:00:05,130 --> 00:00:09,769

In his testimony before Congress during the first week of March, NASA Administrator Charlie

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00:00:09,769 --> 00:00:15,960

Bolden outlined the return on investment legislators can expect from the \$18.5 billion dollars

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00:00:15,960 --> 00:00:21,280

proposed for the agency under President Obama’s FY 2016 budget.

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00:00:21,280 --> 00:00:26,370

The funding allows NASA to continue on the Journey to Mars – with development of vehicles

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00:00:26,370 --> 00:00:31,390

and technologies needed for unprecedented human missions, first to an asteroid and then

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00:00:31,390 --> 00:00:33,240

on to the Red Planet.

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00:00:33,240 --> 00:00:39,050

The budget request and current contract schedules support certification, by the end of 2017,

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00:00:39,050 --> 00:00:43,879

of commercial vehicles being developed to launch American astronauts from U.S. soil

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00:00:43,879 --> 00:00:47,520

on round-trip missions to the International Space Station.

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00:00:47,520 --> 00:00:52,320

It also further enables the agency's quest to improve life on Earth – with technologies

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00:00:52,320 --> 00:01:00,010

for greener, quieter aviation and investigations to enhance the health of our planet's climate.

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00:01:00,010 --> 00:01:05,440

The mission timeline for NASA's Dawn spacecraft has it becoming the first in history to reach

14

00:01:05,440 --> 00:01:09,790

a dwarf planet by entering into orbit around Ceres on March 6.

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00:01:09,790 --> 00:01:15,000

Located in the main asteroid belt between Mars and Jupiter, Ceres is the largest unexplored

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00:01:15,000 --> 00:01:18,720

world of the inner solar system.

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00:01:18,720 --> 00:01:23,570

The March 1 spacewalk outside the International Space Station was the last in a series of

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00:01:23,570 --> 00:01:29,660

three to prepare for the installation of new docking ports for future use by U.S. spacecraft

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00:01:29,660 --> 00:01:32,780

carrying crews launched from Florida.

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00:01:32,780 --> 00:01:37,610

During the spacewalk, NASA astronauts Terry Virts and Barry Wilmore completed the installation

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00:01:37,610 --> 00:01:42,780

of 400 feet of cable and several antennas

associated with the Common Communications

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00:01:42,780 --> 00:01:48,130  
for Visiting Vehicles system known as C2V2.

23  
00:01:48,130 --> 00:01:53,250  
NASA astronaut Scott Kelly and Expedition  
43 crewmates Gennady Padalka and Mikhail Kornienko

24  
00:01:53,250 --> 00:01:58,640  
of the Russian Federal Space Agency are in  
Star City, Russia for training and other activities

25  
00:01:58,640 --> 00:02:02,100  
prior to their launch to the ISS later this  
month.

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00:02:02,100 --> 00:02:07,590  
The trio is scheduled to launch on March 27  
Eastern time aboard a Soyuz spacecraft to

27  
00:02:07,590 --> 00:02:12,200  
the station, where Kelly and Kornienko will  
become the first crew to spend a year aboard

28  
00:02:12,200 --> 00:02:17,780  
the ISS – conducting research on the effects  
of long duration space travel on the human

29  
00:02:17,780 --> 00:02:20,050  
body.

30  
00:02:20,050 --> 00:02:24,660  
During one of several post-flight appearances  
in the Washington, DC area, NASA astronaut

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00:02:24,660 --> 00:02:28,640  
Steve Swanson, who served aboard the space  
station as a Flight Engineer for Expedition

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00:02:28,640 --> 00:02:35,440

39 and Commander during Expedition 40 in 2014, accompanied U.S. Department of Agriculture

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00:02:35,440 --> 00:02:41,570

Deputy Secretary Krysta Harden on a visit to Gwynn Park High School in Brandywine, Maryland.

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00:02:41,570 --> 00:02:46,120

They spoke to students about science, technology, engineering, and mathematics (STEM), and the

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00:02:46,120 --> 00:02:50,900

connection with the future of agriculture, including Swanson's research in vegetable

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00:02:50,900 --> 00:02:54,569

plant growth aboard the ISS.

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00:02:54,569 --> 00:02:58,960

On March 3 and 4, NASA's History Office and the Smithsonian National Air and Space

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00:02:58,960 --> 00:03:05,060

Museum co-hosted a public symposium at the museum in Washington to commemorate the establishment,

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00:03:05,060 --> 00:03:12,230

100 years ago of the National Advisory Committee for Aeronautics, or N-A-C-A – NASA's predecessor.

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00:03:12,230 --> 00:03:17,660

The symposium featured words from NASA Administrator Charlie Bolden, a panel discussion moderated

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00:03:17,660 --> 00:03:21,459

by the agency's Chief Historian, Bill Barry and more.

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00:03:21,459 --> 00:03:25,650

Congress established the N-A-C-A to pursue excellence in aeronautics.

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00:03:25,650 --> 00:03:31,650

NACA staff, research facilities and operations formed the core of NASA when it came into

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00:03:31,650 --> 00:03:36,270

existence on Oct. 1, 1958.

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00:03:36,270 --> 00:03:38,290

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