



1  
00:00:00,789 --> 00:00:04,020

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

2  
00:00:04,020 --> 00:00:10,340

A Jan. 26 event at NASA’s Michoud Assembly  
Facility in New Orleans, marked recently completed

3  
00:00:10,340 --> 00:00:15,480

work by technicians there to weld together  
the pressure vessel for the next Orion deep

4  
00:00:15,480 --> 00:00:17,310

space crew module.

5  
00:00:17,310 --> 00:00:21,900

The event also was an opportunity for NASA  
officials to thank employees and to show the

6  
00:00:21,900 --> 00:00:27,360

progress on Orion and the core stage of the  
agency’s Space Launch System (SLS) rocket.

7  
00:00:27,360 --> 00:00:31,900

The Orion pressure vessel will be shipped  
to Kennedy Space Center in Florida next month,

8  
00:00:31,900 --> 00:00:37,750

where engineers will continue to prepare it  
for the first flight of the SLS rocket.

9  
00:00:37,750 --> 00:00:43,190

Even as the one-year mission aboard the International  
Space Station winds down, activity continues

10  
00:00:43,190 --> 00:00:46,070

at a steady clip on the orbital laboratory.

11  
00:00:46,070 --> 00:00:50,600

This week, those activities included an altitude correction in advance of the landing in early

12  
00:00:50,600 --> 00:00:56,430  
March of Expedition 46 – including one-year crew members Scott Kelly of NASA and Russia's

13  
00:00:56,430 --> 00:01:02,149  
Mikhail Kornienko, work by Kelly and Flight Engineer Tim Peake to prepare for a nanosatellite

14  
00:01:02,149 --> 00:01:08,110  
deployment, and NASA astronaut Tim Kopra continued work with a fire studies experiment.

15  
00:01:08,110 --> 00:01:13,080  
The crew also is preparing for a Russian spacewalk on Feb. 3.

16  
00:01:13,080 --> 00:01:18,970  
A new color animation, based on images from NASA's Dawn spacecraft, shows a simulated

17  
00:01:18,970 --> 00:01:22,120  
flight over the surface of dwarf planet Ceres.

18  
00:01:22,120 --> 00:01:26,830  
The enhanced color movie highlights variations in the appearance of surface materials and

19  
00:01:26,830 --> 00:01:30,390  
helps emphasize the most prominent craters on Ceres.

20  
00:01:30,390 --> 00:01:35,470  
Dawn is the first mission to visit Ceres, the largest object in the main asteroid belt

21  
00:01:35,470 --> 00:01:37,360  
between Mars and Jupiter.

22  
00:01:37,360 --> 00:01:42,170  
The spacecraft is in its final and lowest mapping orbit, at about 240 miles from the

23  
00:01:42,170 --> 00:01:44,510  
surface.

24  
00:01:44,510 --> 00:01:50,420  
Jan. 28 was NASA's Day of Remembrance and the 30th anniversary of the space shuttle

25  
00:01:50,420 --> 00:01:52,479  
Challenger accident.

26  
00:01:52,479 --> 00:01:57,450  
During the annual Day of Remembrance, the agency pays tribute to the crews of Apollo

27  
00:01:57,450 --> 00:02:04,939  
1, Challenger and space shuttle Columbia, as well as other members of the NASA family

28  
00:02:04,939 --> 00:02:10,160  
who lost their lives while furthering the cause of exploration and discovery.

29  
00:02:10,160 --> 00:02:15,480  
NASA Administrator Charlie Bolden, Deputy Administrator Dava Newman, and other agency

30  
00:02:15,480 --> 00:02:20,529  
senior officials participated in a wreath-laying observance at Arlington National Cemetery

31  
00:02:20,529 --> 00:02:22,359  
in Virginia.

32  
00:02:22,359 --> 00:02:27,489

Similar observances took place at the Kennedy Space Center, Johnson Space Center and other

33

00:02:27,489 --> 00:02:28,969

centers around the agency.

34

00:02:28,969 --> 00:02:32,129

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