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1

00:00:00,789 --> 00:00:04,370

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

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00:00:04,370 --> 00:00:09,620

SpaceX, with Federal Aviation Administration oversight, is leading the investigation of

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00:00:09,620 --> 00:00:15,320

what caused the June 28 mishap shortly after the company's Falcon 9 rocket and Dragon

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00:00:15,320 --> 00:00:19,840

cargo spacecraft launched from Cape Canaveral Air Force Station in Florida.

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00:00:19,840 --> 00:00:23,930

The flight was SpaceX's seventh contracted resupply mission to the International Space

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00:00:23,930 --> 00:00:24,930

Station.

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00:00:24,930 --> 00:00:29,410

Although important supplies and cargo were lost aboard the Dragon, the station crew has

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00:00:29,410 --> 00:00:33,160

sufficient supplies into the Fall.

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00:00:33,160 --> 00:00:37,570

Work is progressing on a new crew access tower at Cape Canaveral's Space Launch Complex

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00:00:37,570 --> 00:00:42,120

41 – with the metal segments that will make up the 200-foot-tall structure taking shape

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00:00:42,120 --> 00:00:43,240

nearby.

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00:00:43,240 --> 00:00:48,770

The access tower will be used by astronauts to board Boeing's CST-100 spacecraft.

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00:00:48,770 --> 00:00:53,760

The work by Boeing and United Launch Alliance is critical to preparing the launch site for

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00:00:53,760 --> 00:00:58,820

a flight test to certify systems for operational missions to the International Space Station

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00:00:58,820 --> 00:01:01,390

for NASA's Commercial Crew Program.

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00:01:01,390 --> 00:01:07,080

NASA's New Horizons spacecraft has received a final "all clear," as it speeds ever

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00:01:07,080 --> 00:01:12,810

closer to Pluto for a historic July 14 flyby of Pluto and its moons.

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00:01:12,810 --> 00:01:17,830

After seven weeks of detailed searches for dust clouds, rings, and other potential hazards,

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00:01:17,830 --> 00:01:24,080

NASA's New Horizons team has decided to remain on its original path through the Pluto system.

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00:01:24,080 --> 00:01:28,780

This avoids the need for a late course correction to detour around any orbiting debris that

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00:01:28,780 --> 00:01:30,729

could threaten the spacecraft.

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00:01:30,729 --> 00:01:35,700
Because New Horizons is traveling at such a high rate of speed – 30,800 miles per

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00:01:35,700 --> 00:01:41,940
hour - a particle as small as a grain of rice could be lethal.

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00:01:41,940 --> 00:01:46,270
Astronaut artifacts line the walls of a new, permanent memorial called "Forever Remembered,"

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00:01:46,270 --> 00:01:49,380
at the Kennedy Space Center Visitor Complex in Florida.

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00:01:49,380 --> 00:01:54,930
NASA and astronaut families collaborated on the memorial designed to honor the crews lost

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00:01:54,930 --> 00:02:02,170
on missions STS-51L and STS-107, pay tribute to space shuttles Challenger and Columbia,

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00:02:02,170 --> 00:02:05,380
and emphasize the importance of learning from the past.

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00:02:05,380 --> 00:02:10,289
The memorial contains the largest collection of personal items of both flight crews and

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00:02:10,289 --> 00:02:16,689
includes recovered hardware from both shuttles, never before displayed for the public.

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00:02:16,689 --> 00:02:22,299
During the 2015 NASA headquarters health and safety fair on June 30, NASA Administrator

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00:02:22,299 --> 00:02:27,560
Charlie Bolden presented trophies to winners
of the agency's internal NASA MOVES fitness

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00:02:27,560 --> 00:02:28,560
challenge.

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00:02:28,560 --> 00:02:34,180
The fair also featured a range of health,
safety, fitness and wellness activities and

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00:02:34,180 --> 00:02:36,390
demonstrations.

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00:02:36,390 --> 00:02:40,629
In conjunction with the annual Essence Festival
in New Orleans, Stennis Space Center kicked

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00:02:40,629 --> 00:02:46,099
off NASA week on June 30 -- with activities
to help celebrate space exploration.

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00:02:46,099 --> 00:02:50,779
NASA astronaut Stephanie Wilson was on hand
to meet and talk with attendees, who also

39
00:02:50,779 --> 00:02:55,579
learned about NASA's Journey to Mars, work
being done for the Earth, off the Earth aboard

40
00:02:55,579 --> 00:02:59,459
the International Space Station and more.

41
00:02:59,459 --> 00:03:01,359
And that's what's up this week @NASA ...