



1

00:00:00,040 --> 00:00:03,520

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

2

00:00:03,520 --> 00:00:09,160

Vice President Mike Pence spoke to employees on July 6 at our Kennedy Space Center in Florida,

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00:00:09,160 --> 00:00:14,290

highlighting the public/private partnerships transforming the center into a multi-user

4

00:00:14,290 --> 00:00:18,030

spaceport, and changing the way we do business in low-Earth orbit.

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00:00:18,030 --> 00:00:22,800

"Extending our nation's leadership in space is one of the greatest challenges of our day,

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00:00:22,800 --> 00:00:27,660

and just as we have risen to the challenges that came before, so to we will rise to meet

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00:00:27,660 --> 00:00:29,480

the new challenges that lie ahead."

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00:00:29,480 --> 00:00:33,820

Acting Administrator Robert Lightfoot and Kennedy Director Bob Cabana accompanied the

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00:00:33,820 --> 00:00:40,090

Vice President on tours of several facilities currently being leased by private space companies.

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00:00:40,090 --> 00:00:45,960

The tour showcased hardware, systems and infrastructure, that will soon facilitate U.S. based astronaut

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00:00:45,960 --> 00:00:50,200

launches and eventual missions to deep space.

12

00:00:50,200 --> 00:00:55,340

On July 3, our astronauts Jack Fischer and Peggy Whitson released the SpaceX Dragon cargo

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00:00:55,340 --> 00:00:59,400

spacecraft -- from the Space Station -- for its return trip to Earth.

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00:00:59,400 --> 00:01:05,110

The 4,100 pounds of cargo returned by Dragon included science samples from human and animal

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00:01:05,110 --> 00:01:11,600

scientific research, biotechnology studies, physical science investigations and education

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00:01:11,600 --> 00:01:12,600

activities.

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00:01:12,600 --> 00:01:17,250

Whitson and Fischer celebrated the Fourth of July on the station by snapping photos

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00:01:17,250 --> 00:01:19,750

while decked out in stars-and-stripes.

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00:01:19,750 --> 00:01:24,380

It was one of several space-related milestones of note on the 4th.

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00:01:24,380 --> 00:01:29,560

These included the 20th anniversary of the Mars Pathfinder and Sojourner rover's landing

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00:01:29,560 --> 00:01:30,560

on the Red Planet.

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00:01:30,560 --> 00:01:36,420

The one year anniversary of our Juno spacecraft's arrival at Jupiter, Space Shuttle Columbia's

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00:01:36,420 --> 00:01:42,729

1982 landing at Edwards Air Force Base – attended by President Ronald Reagan, as well as the

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00:01:42,729 --> 00:01:48,860

2006 launch of STS-121-- the second Space Shuttle Program return to flight mission,

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00:01:48,860 --> 00:01:55,140

and our Deep Impact spacecraft's encounter with comet Tempel-1 in 2005.

26

00:01:55,140 --> 00:02:00,170

More than \$200,000 has been awarded to teams of citizen inventors that have completed the

27

00:02:00,170 --> 00:02:06,180

latest milestone in our 3D-Printed Habitat Challenge – a joint effort of our partner

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00:02:06,180 --> 00:02:09,689

Bradley University and several corporate sponsors.

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00:02:09,689 --> 00:02:14,540

The challenge seeks to advance the construction technology needed to 3-D print sustainable

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00:02:14,540 --> 00:02:21,819

housing solutions for Earth and beyond, using recyclables and simulated Martian soil.

31

00:02:21,819 --> 00:02:23,870

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