



NASA

Cha

FINANCIALS AND

1
00:00:00,740 --> 00:00:05,000

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

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00:00:05,000 --> 00:00:09,790

On Tuesday, NASA Administrator Charlie Bolden and other agency officials participated in

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00:00:09,790 --> 00:00:15,230

a public exploration forum at headquarters, to showcase the path the agency has laid out

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00:00:15,230 --> 00:00:16,980

to put humans on Mars.

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00:00:16,980 --> 00:00:21,710

"NASA's path for the human exploration of Mars begins in low Earth orbit.

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00:00:21,710 --> 00:00:26,190

Astronauts aboard the ISS are helping us learn how to safely execute extended missions deeper

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00:00:26,190 --> 00:00:27,510

into space.

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00:00:27,510 --> 00:00:31,740

It's important to remember that NASA sent humans to the moon by setting a goal that

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00:00:31,740 --> 00:00:34,070

seemed beyond our reach.

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00:00:34,070 --> 00:00:39,520

With Mars as our focus, we are steadily building the capability to enable human missions to

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00:00:39,520 --> 00:00:40,520

Mars."

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00:00:40,520 --> 00:00:46,191
A hearing on Thursday of the Senate Appropriations Subcommittee on Commerce, Justice, Science

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00:00:46,191 --> 00:00:51,350
and Related Agencies, provided yet another opportunity for the Administrator to testify

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00:00:51,350 --> 00:00:57,080
before legislators and continue the focus on NASA's human path to Mars.

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00:00:57,080 --> 00:01:02,940
NASA is developing the capabilities needed to send astronauts to an asteroid by 2025

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00:01:02,940 --> 00:01:05,030
and to Mars in the 2030s.

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00:01:05,030 --> 00:01:11,420
A Request For Information issued on Monday by NASA, seeks conceptual ideas from the science

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00:01:11,420 --> 00:01:16,390
and engineering communities for a mission to Jupiter's moon, Europa , which could address

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00:01:16,390 --> 00:01:21,710
fundamental questions about the Jovian moon and the search for life beyond Earth.

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00:01:21,710 --> 00:01:26,479
Among the mission's primary objectives is study of the liquid-water ocean believed to

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00:01:26,479 --> 00:01:29,289
be beneath Europa's icy crust.

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00:01:29,289 --> 00:01:33,630

Deadline to submit a mission concept is May 30.

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00:01:33,630 --> 00:01:38,350

The weather system that spawned tornadoes across parts of several U.S. central and southern

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00:01:38,350 --> 00:01:43,889

states early in the week was seen from space by the National Oceanic and Atmospheric Administration's

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00:01:43,889 --> 00:01:45,630

GOES-East satellite.

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00:01:45,630 --> 00:01:51,560

Meanwhile, infrared imagery from NASA's Aqua satellite revealed the powerful storms extended

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00:01:51,560 --> 00:01:54,979

high into the troposphere.

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00:01:54,979 --> 00:02:00,340

The recent three-day stacking of all four spacecraft for NASA's Magnetospheric Multiscale

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00:02:00,340 --> 00:02:04,359

mission was condensed into this one minute time-lapse.

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00:02:04,359 --> 00:02:09,060

The stacking at Goddard Space Flight Center, was to prepare the spacecraft for vibration

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00:02:09,060 --> 00:02:13,580

testing, which simulates the conditions it will experience during launch.

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00:02:13,580 --> 00:02:20,340

NASA plans to launch MMS in late 2014, to

study a phenomenon known as "magnetic reconnection"

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00:02:20,340 --> 00:02:24,190

-- a trigger of space weather events.

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00:02:24,190 --> 00:02:29,010

Monday and Tuesday night, a convoy carried the disassembled NASA 905 Shuttle Carrier

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00:02:29,010 --> 00:02:33,720

Aircraft from Ellington Field, through the streets of Houston's Clear Lake area to the

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00:02:33,720 --> 00:02:37,190

Space Center Houston visitor center, near Johnson Space Center.

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00:02:37,190 --> 00:02:42,890

The 747 will be reassembled and put on permanent public display at Space Center Houston.

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00:02:42,890 --> 00:02:48,200

One of two Shuttle Carrier Aircraft, NASA 905 safely transported space shuttles around

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00:02:48,200 --> 00:02:54,410

the country on 68 ferry flights from 1974 to September 2012.

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00:02:54,410 --> 00:03:00,400

NASA's Spinoffs 2013 can be seen on a computer screen near you.

41

00:03:00,400 --> 00:03:04,590

This edition of the online publication about commercial products we use every day here

42

00:03:04,590 --> 00:03:11,090

on Earth and made with technology developed by NASA, features water filtration devices,

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00:03:11,090 --> 00:03:15,120
comfortable car seats, remote medical devices
and more.

44
00:03:15,120 --> 00:03:22,070
Check out spinoff.nasa.gov to see just how
much space there is in our lives.

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00:03:22,070 --> 00:03:27,290
At a charity event in Los Angeles, NASA honored
actor William Shatner -- a life-long supporter

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00:03:27,290 --> 00:03:32,570
of space exploration -- with its Distinguished
Public Service medal ... the agency's highest

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00:03:32,570 --> 00:03:35,060
award for non-government personnel.

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00:03:35,060 --> 00:03:39,580
The award is presented to those who have personally
made a contribution representing substantial

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00:03:39,580 --> 00:03:45,150
progress to the NASA mission and must be so
extraordinary, that other forms of recognition

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00:03:45,150 --> 00:03:46,950
would be inadequate.

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00:03:46,950 --> 00:03:52,260
The citation for the medal reads, "For outstanding
generosity and dedication to inspiring new

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00:03:52,260 --> 00:03:57,980
generations of explorers around the world,
and for unwavering support for NASA and its

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00:03:57,980 --> 00:03:59,960
missions of discovery.

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00:03:59,960 --> 00:04:01,940
And that's what's up this week @NASA ...