



PORT

OSAGE
19

TO NOD 2

1
00:00:00,640 --> 00:00:04,910

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

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00:00:04,910 --> 00:00:09,420

NASA's Fiscal Year 2015 budget proposal was announced March 4.

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00:00:09,420 --> 00:00:15,480

The 17-point-5 billion dollar budget supports NASA's new strategic plan to drive advances

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00:00:15,480 --> 00:00:18,670

in science, technology, aeronautics and space exploration.

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00:00:18,670 --> 00:00:24,279

"The president's funding plan for America's space program reaffirms the path we are on,

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00:00:24,279 --> 00:00:28,720

and will keep us moving forward -- pushing farther in the solar system and leading the

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00:00:28,720 --> 00:00:31,060

world in a new era of exploration."

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00:00:31,060 --> 00:00:36,190

The budget enables NASA to continue fostering growth of a vibrant American commercial space

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00:00:36,190 --> 00:00:43,149

industry, stay on target to launch American astronauts from U.S. soil by 2017, keep utilizing

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00:00:43,149 --> 00:00:49,429

the International Space Station until at least 2024 and carry out even more ambitious missions

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00:00:49,429 --> 00:00:50,870
beyond low-Earth orbit.

12
00:00:50,870 --> 00:00:56,109
"This budget keeps us on the same, steady
path we have been following -- a stepping

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00:00:56,109 --> 00:01:00,629
stone approach to send humans to Mars in the
2030's.

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00:01:00,629 --> 00:01:05,430
It's a path that has seen many recent successes,
from the launch of the Global Precipitation

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00:01:05,430 --> 00:01:10,680
Measurement mission last week -- the first
of an unprecedented five Earth Science launches

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00:01:10,680 --> 00:01:16,750
this year -- to returning space station resupply
missions to U.S. soil with private American

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00:01:16,750 --> 00:01:22,320
companies... to the power-up of Orion and
the countdown toward its first flight test

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00:01:22,320 --> 00:01:27,450
later this year... to the final mirrors for
the James Webb Space Telescope being delivered."

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00:01:27,450 --> 00:01:34,180
Two days after the budget announcement, Administrator
Charlie Bolden was the guest speaker at a

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00:01:34,180 --> 00:01:38,720
luncheon on Capitol Hill, sponsored by The
Space Transportation Association.

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00:01:38,720 --> 00:01:44,460

Bolden discussed NASA's budget, programs and prospects for 2014 and beyond.

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00:01:44,460 --> 00:01:49,340

The Space Transportation Association supports policies that advance robust, affordable space

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00:01:49,340 --> 00:01:55,170

transportation for NASA, the Department of Defense and the commercial market.

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00:01:55,170 --> 00:01:59,950

The next crew of the International Space Station is training in Star City, Russia for its upcoming

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00:01:59,950 --> 00:02:02,040

launch to the orbiting lab.

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00:02:02,040 --> 00:02:08,530

NASA's Steve Swanson along with Russian cosmonauts Alexander Skvortsov and Oleg Artemyev are

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00:02:08,530 --> 00:02:14,260

scheduled for a March 26 launch, Kazakhstan time, to begin a six-month mission on the

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00:02:14,260 --> 00:02:16,560

ISS as Expedition 39/40.

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00:02:16,560 --> 00:02:22,150

Meanwhile, NASA's Mike Hopkins returns to Earth March 11 while Rick Mastracchio remains

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00:02:22,150 --> 00:02:25,349

onboard as part of Expedition 39.

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00:02:25,349 --> 00:02:30,070

Two of the three boosters that will power the Delta IV rocket scheduled to launch the

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00:02:30,070 --> 00:02:35,760
Orion spacecraft on its first flight test
this fall, arrived by barge at Port Canaveral,

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00:02:35,760 --> 00:02:36,760
Florida.

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00:02:36,760 --> 00:02:41,519
The core and the starboard boosters were transported
to Cape Canaveral Air Force Station for processing

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00:02:41,519 --> 00:02:45,370
-- the port booster, is expected to arrive
in April.

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00:02:45,370 --> 00:02:51,310
Data from Exploration Flight Test-1 will assist
in Orion's design and reduce overall mission

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00:02:51,310 --> 00:02:55,099
risks and costs for later Orion flights.

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00:02:55,099 --> 00:02:59,569
NASA Administrator Charlie Bolden delivered
the initial keynote speech at this year's

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00:02:59,569 --> 00:03:03,590
Robert H. Goddard Memorial Symposium in Greenbelt,
Maryland.

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00:03:03,590 --> 00:03:07,569
The event attracts science and engineering
leaders from around the world to discuss some

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00:03:07,569 --> 00:03:11,830
of the most important issues affecting space
exploration.

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00:03:11,830 --> 00:03:17,840

This year's theme -- "Science and Exploration: Engineering the Future," celebrated past accomplishments

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00:03:17,840 --> 00:03:22,799

while highlighting future space exploration priorities.

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00:03:22,799 --> 00:03:28,190

March 6 marked the five year anniversary of the launch of NASA's Kepler spacecraft.

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00:03:28,190 --> 00:03:33,099

The agency's first planet-hunting spacecraft launched from Cape Canaveral Air Force Station

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00:03:33,099 --> 00:03:38,799

on a planned three-and-a-half-year mission seeking signs other Earth-like planets.

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00:03:38,799 --> 00:03:43,879

Even though it completed its prime mission in November 2012, Kepler's data still is being

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00:03:43,879 --> 00:03:50,739

used -- to date, more than 36-hundred planet candidates and 961 confirmed planets have

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00:03:50,739 --> 00:03:52,300

been discovered.

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00:03:52,300 --> 00:03:54,150

And that's what's up ... This Week at NASA.