This week at NASA the entire East rocket remains at the mid-Atlantic Regional Spaceports pad zero a at the Wallops Flight Facility awaiting launch of its first test flight under NASA's commercial orbital transportation services or COTS program for brittle Sciences Corporation cancelled the countdown during Wednesday's initial launch attempt when a data umbilical connection prematurely separated from the rocket also on Wednesday to events for a media to learn more about the mission and activities at Wallops deputy.
administrator lori Garver spoke with traditional media during a media roundtable and at a NASA social administrator charlie bolden connected with nasa social media followers on this demonstration flight Antares will carry a simulated Cygnus spacecraft to orbiting the real Cygnus will deliver cargo to the International Space Station progress on final assembly and integration of the Orion space lab was showcased for news media at the Kennedy Space Center's operations and check-out building KSC director Bob cabana and
others detailed the status of NASA's next space capsule and its uncrewed exploration flight test-1 scheduled for next year EFT one which will syn Orion some 3600 miles into space will test the capsules heat shield as it re-enters Earth's atmosphere at high speeds similar to those experienced by spacecraft returning from deep space the occasion also marked the announcement three years ago by President Obama of his goals for NASA and space exploration including sending humans to an asteroid something Orion could do as early as
deputy administrator lori garver
addressed attendees of gathering for
impact
the third International Academy of
astronautics planetary defense
conference in Flagstaff Arizona the
five-day event addressed strategies for
deflecting an asteroid and civil defense
response should impact threaten well
NASA is all about leaving the world a
better place so leaving it intact is a
is a good benefit that we can help with
also included was an outing to nearby
meteor crater
one of the best preserved meteorite impact sites in the world NASA's Kepler space telescope has discovered three super earth sized planets in their star's habitable zones our region where liquid water might exist on the planet's surface the smallest of the three is only 40 percent larger than Earth and most likely rocky in composition two of the planet's orbit a star known as Kepler 62 located 360 light-years from Earth the other revolves around Kepler which is approximately 2700 light-years away aboard the
International Space Station a spacewalk

by Russian flight engineers Pavel Vinogradov and Roman Romanenko to deploy and retrieve several science experiments and install a new navigational aid on the Zvezda service module the retroreflector device will provide docking assistance for the arrival of the European Space Agency's Albert Einstein automated Transfer Vehicle four cargo ship in June the spacewalk the 167th and support of space station assembly and maintenance is the seventh per Vinogradov and the first four
Romanenko teams of high school and college students are geared up for the 20th annual Great Moonbuggy race April 25th through 27th at the US Space and Rocket Center in Huntsville hosted by the Marshall Space Flight Center the event encourages young people to develop and use skills in science technology engineering and math to build and race lightweight human-powered buggies NASA hopes these students will pursue careers in STEM fields to benefit the agency the nation and humankind NASA's Hubble Space Telescope celebrated its
23rd anniversary by once again focusing
on the iconic Horsehead Nebula but this
time with the infrared eyes of its Wide
Field Camera 3
imaging the nebula and infrared revealed
features previously hidden by gas and
dust about 1,500 light-years away the
Horsehead lies in one of the closest and
most commonly photographed regions of
space where stars are actively forming
the image is a preview of the infrared
output expected from Hubble's successor
the James Webb Space Telescope set to
launch in 2018 twelve years ago on April 19th 2001
space shuttle endeavour launched from Kennedy Space Center on sts-100 to deliver canadarm2 to the International Space Station used to live and move hardware and spacewalking astronauts the Canadian built robotic arm a longer more capable version of the shuttle flower and the pallet played a critical role in completing assembly of the space station and Susan you flashin also delivered supplies this Takei with the Italian built Rafael Armand Burgas latina tomorrow and that's this week @nasa for more on these and other stories or to
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