This week at NASA, Evan flow NASA's Gravity Recovery and Interior Laboratory (GRAIL) spacecraft have officially begun collecting science data as they orbit the moon. Scientists will use the information gathered by the twin spacecraft to produce a high-resolution map of the lunar gravitational field. That should provide unprecedented detail about the moon's internal structure and composition, leading to a better understanding of how earth and other rocky planets in the solar system form. Science activities are expected to...
continue through May 29 avoid the

International Space Station flame test

continued for the structure and liftoff

and combustion expert or slice the

experiment investigates the nature of

flames in microgravity I'm ready to light the flame the station tests have

yielded stable lifted flames which can

be simpler to model numerical this

research in the world's only laboratory

in microgravity could lead to reduce

pollution emissions and more efficient

burning by a wide variety of industries

last year Irish American astronaut Cady
Coleman celebrated her St. Patrick's Day playing two Irish instruments while she orbited the Earth aboard the International Space Station this year.

Coleman was on center stage at the Kennedy Center in Washington to return the antique wooden flute and shiny tin whistle to its owners internationally.

Acclaimed recording artist Paddy Moloney and the Chieftains.

Coleman then accepted an invitation to perform with the six-time Grammy winners.

When I got the chance to go live on the...
space station and I knew I would take my flute with me. It occurred to me that a nice way to share our amazing experience at NASA up on the space station is to bring something of other people's that will bring them with us as well and who she was talking and she was showing the flute and everything was floating in her hair. It was magic! I couldn't believe it. The Washington DC concert was part of the Chieftains 50th anniversary tour. Why do we need engineers? The things that we want to do the technology development that we have to do to put humans beyond...
low-earth orbit which is our ultimate goal require people with engineering backgrounds. NASA Administrator Charlie Bolden was at Georgia Tech to help kick off stay with it a new White House initiative to attract more US college students to engineering so stay with it. stay with it stay with it stay with it. along with Intel MTV Google and Facebook. the online host for the announcement the President's Council on Jobs and Competitiveness has forged this new public-private partnership through which students can learn about engineering.
internships financial support and Summer Bridge programs for entering freshmen

more than 65 companies have aligned with stay with to double their engineering

internships this year that will result in more than 7,000 opportunities for hands-on technical job experience

administrator Bolden has been honored with a patriot award for his support of employee serving in the national guard and reserve guard and reserve employees or their spouses can nominate supervisors for the Department of Defense Honor I think it's really
important for us as an organization to recognize the talent that they bring and find a way to get them back into the workforce if they left us to go off to do their reserve or their National Guard time because they bring an incredible wealth of and breadth of talent that we're always searching for also receiving a patriot award but unable to attend the NASA headquarters ceremony was associate administrator for human exploration and operations bill Gerstenmaier accepting on his behalf was the directorate's John Olson
the Center Operations Directorate is a
mission support organization which
provides a security procurement
logistical and technical information and
external relations support to the NASA
Glenn Research Center I think nASA has
been a place that has given me a wealth
of opportunities I came here as the
human resources director and I learned a
lot about federal employment because I
had never worked for the federal
government before and then moving into
the senior executive candidate
development program it's the first time
that someone had truly invested an
enormous amount in me to figure out what it is that I wanted to do and so I think that opportunity in and of itself just spoke volumes about you know what is available to you here at NASA a number of people have inspired me and I like to believe that you know I get inspiration daily but it most often I have to think of my grandmother and my mother who are just you know fabulous role models but here at NASA I have met just some phenomenal women I had the opportunity to meet Katherine Johnson who is referred to by many people as a
human computer and people like Christine Darden and Crystal Johnson people have
gone into the senior executive service before me and have really paved the way
so you know inspiration is all around me I hope that I am inspiring the next
generation of women managers but also inspiring students to be lifelong learners and realized that anything is possible with education and hard work
about 150 students from 18 schools in Mississippi and Louisiana got an inside look at the Stennis Space Center during a Women’s History Month event the outing
was part of the gems program for girls excited about math and science the students were treated to activities and workshops including a fashion show that featured business attire an introduction to information technology a cryogenics demonstration and details about college and career planning Air Force flight test center commander General Robert Nolan on other dignitaries recently dedicated a street at Edwards Air Force Base in California to honor the late naca test pilot Scott Crossfield Crossfield became the first
pilot to reach Mach 2 twice the speed of

sound in the Douglas skyrocket on

November twentieth nineteen fifty-three

and when you talk about Scott Crossfield

think about the sacrifices in the risk

that he took think about flying Mach two

in the 1950s think about the first

flight in the X-15 and then think about

a career dedicated to aviation in a

related presentation retired NASA Dryden

Flight Research Center research pilot

detailed cross fields

contributions to the advancement of

Aeronautics and flight research Scott

had joined NACA at a time when the
United States was fully committed to exploring the world of supersonic flight and pushing the speed and the altitude of manned airplanes two numbers that were really the stuff of fiction in 1945. Crossville later helped design the cockpit of the famed X-15 rocket plane while employed by North American Aviation in the late 1950s. He flew the first 14 developmental demonstration flight tests of the craft before it was turned over to the Air Force and NASA for the joint X-15 hypersonic flight research program, which he received the 1961...
harmon trophy and the 1962 collier

trophy the most prestigious awards for

advancements in aeronautics from

pilot john f kennedy in White House

ceremonies we pilots think of him as one

of the best to ever strap on an airplane

and perhaps I remember him best as an

American hero who always came across as

an unassuming well-mannered gentleman it

doesn't always happen that way

NASA employee family members and

community leaders recently gathered at

the Space Coast Stadium in viera Florida

to celebrate space day Kennedy Space
Center Director Bob Cabana threw out the first pitch before a spring training game between the host Washington Nationals and the Houston Astros NASA.

Boos highlighted how agency research and development has contributed to sports transportation and everyday life. The public was also treated to an up-close look at a full-scale test version of NASA's new Orion spacecraft 86 years ago on March 16, 1926. Robert Goddard successfully launched the world's first liquid fuel rocket from a field in Auburn, Massachusetts.
his rocket development work throughout

00:09:28,259 --> 00:09:33,330
the remainder of his life achieving

00:09:30,659 --> 00:09:35,509
numerous milestones and helping pave the

00:09:33,330 --> 00:09:39,090
way for contemporary space flight

00:09:35,509 --> 00:09:41,129
established in 1959 the Goddard Space

00:09:39,090 --> 00:09:47,220
Flight Center Greenbelt Maryland was

00:09:41,129 --> 00:09:50,759
named in his memory and on that same

00:09:47,220 --> 00:09:53,160
date 46 years ago the Gemini Titan eight

00:09:50,759 --> 00:09:55,919
launched from Cape Canaveral Florida on

00:09:53,159 --> 00:09:58,319
its way to becoming NASA's first man

00:09:55,919 --> 00:10:00,360
docking mission astronauts Neil

00:09:58,320 --> 00:10:02,520
Armstrong and Dave Scott docked their

00:10:00,360 --> 00:10:05,580
capsule with an unmanned Agena target

00:10:02,519 --> 00:10:08,159
vehicle while docked a thruster

00:10:05,580 --> 00:10:10,290
malfunction caused a near-fatal tumbling
of the crap the crew was able to stabilize the vehicle but used up too much fuel in the process scrapping plans for a spacewalk and other activities about 10 hours after launch Armstrong and Scott made the first emergency landing of a manned U.S. spacecraft as Gemini 8 splashed down safely in the western Pacific Ocean 30 years ago on March 22nd 1982 space shuttle Columbia launched from the Kennedy Space Center on STS-3 NASA's third Space Shuttle mission was one of several test flights to qualify shuttle systems for
operational flights

commander Jack Laoma and pilot see

Gordon Fullerton tested the Canada remote manipulator system and gathered data on how Columbia handled the sun's heat in various attitudes STS-3 was the only shuttle mission to land at the whites and space harbor near Las Cruces New Mexico and 16 years ago on March 22nd 1996 space shuttle Atlantis launched from the Kennedy Space Center on STS 76 it was the first flight of the Spacehab pressurized module to support shuttle Mir Dawkins and the third
link-up between the u.s. spacecraft and the Russian space station the flight delivered Shannon lucid tamir to become the first American woman to live on the station and kick off a continuous two-year US presence in space sts 76 was commanded by kevin chilton richard Searfoss was its pilot mission specialists were at Linda Godwin Michael Clifford and Ronald Sega and that's this week @nasa for more on these and other stories or to follow us on Facebook Twitter and other social media log on to www.nasa.gov