this week at NASA Evan flow NASA's

Gravity Recovery and interior laboratory

or 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 and lead 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 experiment or slice the
experiment investigates the nature of flames in microgravity I'm ready to like
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
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 along with Intel MTV Google and Facebook the online hosts 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 employees 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 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 jaw nose

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 a 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 for me to figure out what it is that I wanted to do and so I think that opportunity in and of itself it 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 dart 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 realize 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 one or 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 2 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 edge Snyder 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 he

158
00:06:55,139 --> 00:07:00,658
received the 1961 harmon trophy on the

159
00:06:57,680 --> 00:07:02,728
1962 collier trophy the most prestigious

160
00:07:00,658 --> 00:07:05,069
awards for advancements in aeronautics

161
00:07:02,728 --> 00:07:08,579
from president john f kennedy in White

162
00:07:05,069 --> 00:07:09,400
House ceremonies we pilots think of him

163
00:07:08,579 --> 00:07:10,990
as

164
00:07:09,399 --> 00:07:14,138
one of the best ever strap on an

165
00:07:10,990 --> 00:07:16,900
airplane and perhaps I remember him best

166
00:07:14,139 --> 00:07:19,960
as an American hero who always came

167
00:07:16,899 --> 00:07:23,019
across as an unassuming well-mannered

168
00:07:19,959 --> 00:07:31,299
gentleman it doesn't always happen that

169
00:07:23,019 --> 00:07:33,668
way NASA employee family members and

170
00:07:31,300 --> 00:07:36,009
community leaders recently gathered at

171
00:07:33,668 --> 00:07:38,978
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 Orien 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 Goddard continued

his rocket development work throughout

the remainder of his life achieving numerous milestones and helping pave the way for contemporary space flight

established in 1959 the Goddard Space Flight Center Greenbelt Maryland was named in his memory and on that same date 46 years ago the Gemini Titan eight launched from Cape Canaveral Florida on its way to becoming NASA's first man docking mission astronauts Neil Armstrong and Dave Scott docked their capsule with an unmanned Agena target
vehicle while docked a thruster

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  

00:09:33,389 --> 00:09:37,309  
several test flights to qualify shuttle  

00:09:35,460 --> 00:09:40,200  
systems for operational flights  

00:09:37,309 --> 00:09:42,389  
commander Jack Lau's MA and pilot see  

00:09:40,200 --> 00:09:44,879  
Gordon Fullerton tested the Canada  

00:09:42,389 --> 00:09:47,009  
remote manipulator system and gathered  

00:09:44,879 --> 00:09:50,909  
data on how Columbia handled the sun's  

00:09:47,009 --> 00:09:52,980  
heat in various attitudes sts-3 was the  

00:09:50,909 --> 00:09:55,620  
only shuttle mission to land at the  

00:09:52,980 --> 00:09:59,070  
whites and space harbour near Las Cruces  

00:09:55,620 --> 00:10:02,789  
New Mexico and 16 years ago on March  

00:09:59,070 --> 00:10:04,650  
22nd 1996 space shuttle atlantis  

00:10:02,789 --> 00:10:08,730  
launched from the kennedy space center  

00:10:04,649 --> 00:10:11,279  
on sts 76 it was the first flight of the  

00:10:08,730 --> 00:10:13,860  
Spacehab pressurized module to support
shuttle Mir dockings 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.