This week at NASA July eleventh is the new targeted launch date for space shuttle Endeavour on the STS-127 mission. Then NASA managers hope to know what caused the leak in the shuttles excess hydrogen venting system that twice delayed Endeavour’s launch. We'll go work this problem and once we get it fixed and we're confident that we have a solution that's going to work and allow us to go fly safely then we'll proceed forward. No one will be happier to proceed than first-time flyer Chris.
Cassidy the York Maine native and US Navy SEAL sees this mission as the next step in NASA's ultimate return to regions first explored by the Apollo astronauts 40 years ago. I think I'm in a fortunate position as a new astronaut to be part of a shuttle crew now and maybe a space station true in my mid career and the tail end of my career hopefully an exploration mission to the moon so it's a very exciting for me personally 21 main engine ignition and liftoff of the Atlas 5 rocket with el rol across America's first step of a
lasting return to the moon on their way

to the moon now are the lunar

reconnaissance orbiter lro and it's

travel partner the lunar crater

observation and sensing satellite l

cross there in about three to four

months the spent cent or upper stage

rocket about the size of a small bus

will crash into a permanently shadowed

polar crater l Cross will then fly into

the resultant plume of dust to measure

mineral content and possible evidence of

water ice before it to collides with the

lunar surface in the late 90s two
different missions around the moon

00:01:59,118 --> 00:02:04,519
actually found that there may be water

00:02:02,028 --> 00:02:06,438
ice present on the moon needs to be

00:02:04,519 --> 00:02:09,079
confirmed and so the I cross mission is

00:02:06,438 --> 00:02:12,379
all about confirming if indeed there is

00:02:09,080 --> 00:02:14,210
stare meanwhile LRO's multi-year

00:02:12,379 --> 00:02:16,370
orbiting mission will give NASA the

00:02:14,210 --> 00:02:18,680
tools to identify lunar landing sites

00:02:16,370 --> 00:02:23,090
and potential resources measure

00:02:18,680 --> 00:02:24,770
radiation and try out new technology hey

00:02:23,090 --> 00:02:26,629
I'm Mike above and I'm Kevin frizzled

00:02:24,770 --> 00:02:29,150
and we're the producers of NASA 360

00:02:26,629 --> 00:02:31,609
producers Michael Bilbo and Kevin

00:02:29,150 --> 00:02:34,219
craigsville savored their Emmy win at

00:02:31,610 --> 00:02:44,650
the 51st annual capital region Emmy
Awards so here it is the right speed x1

NASA televisions NASA 360 is a half-hour series that looks at how technologies developed by NASA impact the lives of everyday people. It's also available online at WWDc.com, Bibbo, and Craig's ball right edit and produce the show for the National Institute of Aerospace in partnership with NASA's Langley Research Center. The Emmy for editing in a non-news televised program the winning segment shot in part by award-winning Langley videographer Gary Benziger tells the story of an all-electric racecar.
right speed x1 the executive producer of

NASA 360 is Mike Finneran

a 100 full-time undergraduate students

have been selected by nasa to receive a

one-year college scholarship the

agency's motivating undergraduates in

science and technology or must project

award scholarships and internships to

students pursuing degrees in science

technology engineering and mathematics

the STEM fields the average GPA for the

students that we selected for this

cohort is about 3.85 and that's that's

very good for those hard sciences so we
think that we are getting the best and
the brightest students involved in this
project among the 39 colleges and
universities represented by must

scholarship recipients is brown Cal Tech

Georgia Tech Harvard Florida A&M MIT

Maryland Tuskegee Fisk and Texas managed

at the Glenn Research Center must is

administered by the Hispanic college

fund the United Negro College Fund and

the Society for Hispanic Professional

Engineers 21 engine start ignition and

liftoff of a delta 2 rocket with the

fused spacecraft to explore the origins
of the universe 10 years ago on Jun 24th

1999 the far ultraviolet spectroscopic
explorer or fuse launched from cape

canaveral florida on route to study
primordial chemical relics of the Big Bang a process from which all stars
planets and life of all using
high-resolution spectroscopy in a far ultraviolet spectral region fuse explore

the universe for eight years astronomers from all over the world used the
astrophysics satellite telescope to
observe nearly 3,000 different astronomical objects fuse operated until
October 18 2007 26 years ago this week
Sally Ride became the first American woman in space on STS 7. She was a member of the first space shuttle mission with a five-person crew deploying to communication satellites and conducting a number of experiments. Ride also flew on STS 41G in October 1984. She left NASA in 1989 for other pursuits including the development of science education programs for children. That's this week. Log on to NASA.gov for more on these and other stories.