here's some of the stories trending this week at NASA on Jun 25th. NASA announced the first landing site explorations own workshop through human missions to the surface of Mars will take place October 27th through 30th at the lunar and planetary institute in Houston. The agency hopes to collect proposals at the conference about which areas on Mars have the best scientific and physical characteristics for humans to safely land, live, and work on the red planet. Once identified the potential exploration zones could be further.
imaged by NASA’s Mars Reconnaissance Orbiter and Mars Odyssey spacecraft to create better resolution maps for mission planning. The Mars Odyssey spacecraft recently completed its 60,000 orbit of the red planet. Odyssey, the longest operating spacecraft ever sent to Mars, has been in Martian orbit for almost 14 years. In that time, it has discovered widespread water ice beneath the planet’s surface and the expectation is that Odyssey will continue to help pave the way for the first humans to journey to Mars in the 2030s.
ring in the Martian New Year recently at
the invitation of the citizens from Mars
Pennsylvania the celebration of Mars's
new year which happens about every two
earth years included three days of
science technology engineering arts and
mathematics or steam activities to
encourage young people to pursue careers
in these fields of study which are
critical to NASA's journey to Mars the
jun 25th Mars day on the hill provided
an opportunity for NASA Administrator
Charlie Bolden and other agency
officials to show members of Congress

00:01:14,579 --> 00:01:19,000
00:01:17,260 --> 00:01:21,250
00:01:19,000 --> 00:01:23,590
00:01:21,250 --> 00:01:26,650
00:01:23,590 --> 00:01:28,689
00:01:26,650 --> 00:01:30,520
00:01:28,689 --> 00:01:34,599
00:01:30,519 --> 00:01:37,060
00:01:34,599 --> 00:01:38,409
00:01:37,060 --> 00:01:40,570
00:01:38,409 --> 00:01:42,939
00:01:40,569 --> 00:01:45,029
00:01:42,939 --> 00:01:47,620
the progress of NASA's journey to Mars

00:01:45,030 --> 00:01:50,140
astronauts Reid Wiseman and Barry Wilmore in town to share experiences from their recent missions aboard the International Space Station also were there the event featured interactive exhibits highlighting NASA's Mars scientific exploration accomplishments and the cross-cutting technologies being developed for the journey that may also be used here on earth

00:02:00,010 --> 00:02:04,240
reid wiseman and butch wilmore made several other appearances while in the Washington area on jun 22nd Wilmore who helped make the first 3d printed part in
space visited the Arlington Virginia tech shop a do-it-yourself workshop and fabrication studio while there he talked about being a maker while in space the following day Wiseman shared imagery and stories from his mission during a presentation at NASA headquarters both astronauts conducted valuable scientific research while onboard the ISS at NASA's Stennis Space Center testing continues of the engine that will power the agency's Space Launch System rocket on human missions to Mars and other deep space destinations the 650 second test
was the fourth in the current series of

eight planned test firings to evaluate

the design and functionality of the

engine for RS 25 s will be installed on

the completed SLS core stage divers at

NASA's neutral buoyancy lab or NBL in

houston tested prototype tools designed

by students in the micro g neutral

buoyancy experiment design teams or

micro g next program micro g next

challenges college undergrad students to

design build and test a tool or device

that addresses a real and current space

exploration problem the students then
oversee the test operations in the simulated microgravity environment of the NBL and that's what's up this week.

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