this week at NASA a big week for NASA's newest astronaut candidates chosen for more than six thousand applicants the group of eight arrived at Johnson Space Center to begin training for future missions and were introduced to the media during a news conference with Administrator Charlie Bolden these new astronauts we are introducing today are critical to achieving our ambitious goals they will help us to continue to lead the world in exploration the candidates could be some of the first explorers to help NASA and its
international partners blaze the trail

outlined and the recently amounts global

exploration roadmap the roadmap

demonstrates the important role of

NASA's asteroid mission and advancing

the capabilities needed for exploring

Mars and the economic and societal value

of exploration and it what it brings to

all of us the roadmap makes clear the US

and its international space partners

share an interest in pursuing ambitious

exploration goals the roadmap also

highlights the critical role of the

International Space Station and
preparing for deep space exploration and

the importance of asteroid missions and

it dancing capabilities needed to

explore Mars while in Houston

administrator Bolden also visited

Boeing's Houston product support center

to check out a fully outfitted mock-up

of the company's cst-100 capsule the

vehicle is being developed in

partnership with NASA's Commercial Crew

program to provide safe reliable and

cost-effective transport to and from the

International Space Station back outside

the International Space Station for the
second time in six days expedition 36

00:01:43,530 --> 00:01:47,129
flight engineers fielder your chicken

00:01:45,090 --> 00:01:49,560
and Alexander misurkin in Russian Orlan spacesuits conducted another spacewalk

00:01:47,129 --> 00:01:51,989
the pair's to-do list included installing a platform on the Zvezda

00:01:49,560 --> 00:01:54,090
module for a telescope coming in the future and removing a visual alignment target on the piers docking compartment

00:01:51,989 --> 00:01:55,828
during a news briefing at NASA

00:01:54,090 --> 00:01:58,170
headquarters participants preview the lunar atmosphere and dust environment

00:01:55,828 --> 00:02:01,579
Explorer or ladee mission the agency's next excursion to the moon and the first lunar mission launching from Wallops
Flight Facility one of the questions about dust on the moon is an engineering question how do you design things so that they can survive the dust environment understanding the environment around the moon will help scientists better understand other planetary bodies in the universe laddie is scheduled to launch September 6 the primary mirror backplane support structure of the James Webb Space Telescope was delivered to Marshall Space Flight Center for testing in the x-ray and cryogenic test the facility
the backplane holds JWST's huge hexagonal shaped mirror segments and other elements to prepare the web for the extreme temperatures of space its components are tested at the x-ray and cryogenic facility at temperatures down to a frigid minus 414 degrees Fahrenheit.

members of the media stopped by Houston's Ellington field near Johnson Space Center for behind-the-scenes tours and access to the Seekers mission NASA's airborne study on how storm systems and air pollution from wildfires and other sources affect our climate. Seekers is
the agency's most complex airborne

science study of the year with more than
200 support personnel and observations

from NASA satellites aircraft and ground

types

the media got a twofer in Houston that
day because during another event at

ellington Field plans were announced to

relocate NASA 905 the 747 Shuttle Carrier aircraft to the Space Center

Houston visitor center for permanent

public display the SCA safely

transported space shuttles around the

country on 68 ferry flights from 1974 to
September 2012 ah oo his 25th 2012

101 00:03:58,659 --> 00:04:02,969
astronaut Neil Armstrong passed away

102 00:04:01,150 --> 00:04:05,710
after complications from heart surgery

103 00:04:02,969 --> 00:04:07,539
the Apollo 11 commander was the first

104 00:04:05,710 --> 00:04:09,700
person to set foot on the lunar surface

105 00:04:07,539 --> 00:04:12,609
during the nineteen sixty-nine mission

106 00:04:09,699 --> 00:04:14,139
to the moon NASA and Washington's

107 00:04:12,610 --> 00:04:16,540
National Cathedral held a memorial

108 00:04:14,139 --> 00:04:18,219
service in September of last year during

109 00:04:16,540 --> 00:04:20,230
which Armstrong was remembered by those

110 00:04:18,220 --> 00:04:23,140
in attendance as an American Hero

111 00:04:20,230 --> 00:04:27,370
selfless educator and a humanitarian

112 00:04:23,139 --> 00:04:29,409
Neil Armstrong was 82 and that's this

113 00:04:27,370 --> 00:04:32,019
week @nasa for more on these and other

114 00:04:29,410 --> 00:04:34,330
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