
Jim Bridenstine
NASA Administrator
Kayla Barron
Zena Cardman
Raja Chari
Matthew Dominick
Bob Hines
Woody Hoburg

1
00:00:00,000 --> 00:00:05,730
a dusty opportunity spotted on Mars hot
firing the rocket engine that will power

2
00:00:05,730 --> 00:00:11,509
us to deep space and a visit with our
newest class of astronaut candidates a

3
00:00:11,509 --> 00:00:15,150
few of the stories to tell you about
this week at NASA

4
00:00:15,150 --> 00:00:20,850
a high-resolution camera aboard our Mars
Reconnaissance Orbiter spotted our

5
00:00:20,850 --> 00:00:25,380
opportunity Rover still on the slopes of
the Martian Valley it was descending

6
00:00:25,380 --> 00:00:31,019
when a massive dust storm struck more
than 100 days ago the rover team has not

7
00:00:31,019 --> 00:00:35,160
heard from the solar powered Rover since
a lack of sunlight from the storm caused

8
00:00:35,160 --> 00:00:39,210
it to go into hibernation but they
continued to send commands to

9
00:00:39,210 --> 00:00:49,320
opportunity in hopes that the rover will
respond on September 25th engineers and

10
00:00:49,320 --> 00:00:53,820
our Stennis Space Center in Mississippi
successfully conducted the third in a

11
00:00:53,820 --> 00:00:59,100
series of scheduled rs.25 rocket engine
hot fire tests for our Space Launch

12
00:00:59,100 --> 00:01:05,220
System program or SLS the hot fire
tested several key elements including a

13
00:01:05,220 --> 00:01:09,320
flight controller that will help the
engine communicate with the SLS rocket

14
00:01:09,320 --> 00:01:16,170
SLS we use for rs.25 to launch our Orion
spacecraft on missions to deep space

15
00:01:16,170 --> 00:01:21,869
destinations including the moon in Mars
there's a lot of really exciting things

16
00:01:21,869 --> 00:01:27,780
happening at NASA on September 27th at
NASA headquarters our administrator Jim

17
00:01:27,780 --> 00:01:32,280
bridenstine talked with the newest class
of astronaut trainees about their

18
00:01:32,280 --> 00:01:36,750
experiences in the training program
hopes for future missions and more

19
00:01:36,750 --> 00:01:42,470
during a live episode of watch this
space what excites you the most about

20
00:01:42,470 --> 00:01:47,759
going to space I think Humanity is kind
of driven by curiosity and the want to

21
00:01:47,759 --> 00:01:52,350
explore and so to be able to represent
that it's a pretty neat privilege this

22
00:01:52,350 --> 00:01:56,159
is a dream that's shared by thousands of
people and we're just the lucky

23
00:01:56,159 --> 00:02:01,200
ambassadors that had the opportunity to
to fulfill this mission once their

24
00:02:01,200 --> 00:02:05,399
training is complete the astronaut
candidates may be assigned to missions

25
00:02:05,399 --> 00:02:09,869
that range from performing research on
the international space station to

26
00:02:09,869 --> 00:02:13,270
launching from American soil on
spacecraft built by us

27
00:02:13,270 --> 00:02:17,830
commercial companies to departing for
deep-space missions on our SLS rocket

28
00:02:17,830 --> 00:02:22,330
and Orion spacecraft you can learn more
about the newest faster not candidates

29
00:02:22,330 --> 00:02:29,740
at nasa.gov slash 2017 astronauts also
on September 27th the crew of the

30
00:02:29,740 --> 00:02:34,240
International Space Station received
more than 5 tons of supplies spare parts

31
00:02:34,240 --> 00:02:40,840
and experiments with the arrival of
Japan's HTV 7 cargo spacecraft HTV 7

32
00:02:40,840 --> 00:02:44,200
launched to the station five days
earlier from the Tanegashima Space

33
00:02:44,200 --> 00:02:50,230
Center in southern Japan preparations
continued in Russia for the launch of

34
00:02:50,230 --> 00:02:57,120
the space station's next crew expedition
57 58 on September 25th our nick Hague

35
00:02:57,120 --> 00:03:02,590
cosmonaut Alexei ovchinin of Roscosmos
and their backups boarded a bus in Star

36
00:03:02,590 --> 00:03:07,260
City for the trip to the Baikonur
cosmodrome launch site in Kazakhstan

37
00:03:07,260 --> 00:03:12,490
hagen of Chinon will launch october 11th
to begin a six-month mission on the

38
00:03:12,490 --> 00:03:17,920
station that's what's up this week @nasa
for more on these and other stories