1
00:00:00,500 --> 00:00:02,569
A critical test for our
Commercial Crew Program ...

2
00:00:02,635 --> 00:00:05,638
Spacewalkers focus on
upgrades aboard the space

3
00:00:05,705 --> 00:00:06,840
station ...

4
00:00:06,906 --> 00:00:09,976
And paying tribute to one
of our Great Observatories ...

5
00:00:10,043 --> 00:00:11,711
a few of the stories
to tell you about -

6
00:00:11,780 --> 00:00:12,860
This Week at NASA!

7
00:00:18,020 --> 00:00:21,360
We teamed with
SpaceX on Jan. 19

8
00:00:21,421 --> 00:00:23,490
to test the launch escape
system of the company's

9
00:00:23,556 --> 00:00:25,959
Crew Dragon spacecraft
and Falcon 9 rocket.

10
00:00:26,025 --> 00:00:28,728
The system protects
astronauts in the unlikely

11
00:00:28,795 --> 00:00:30,730

event of an emergency
during launch.

12
00:00:30,797 --> 00:00:33,533
This was the final major
flight test before crew

13
00:00:33,600 --> 00:00:35,135
flights to the
International Space

14
00:00:35,201 --> 00:00:36,369
Station.

15
00:00:36,436 --> 00:00:38,071
The International
Space Station's

16
00:00:38,138 --> 00:00:40,673
Expedition 61 crew
conducted a pair of

17
00:00:40,740 --> 00:00:43,743
spacewalks to complete
some important upgrades.

18
00:00:43,810 --> 00:00:44,944
On Jan. 20,

19
00:00:45,011 --> 00:00:48,248
our Jessica Meir and
Christina Koch installed

20
00:00:48,314 --> 00:00:51,618
the final new lithium-ion
battery as part of an

21
00:00:51,684 --> 00:00:53,420
overall upgrade
to the station's

22
00:00:53,486 --> 00:00:57,190
power system that
began in January 2017.

23
00:00:57,257 --> 00:01:00,427
Five days later our
Andrew Morgan and ESA's

24
00:01:00,493 --> 00:01:03,897
Luca Parmitano finished
repairs of a cosmic ray

25
00:01:03,963 --> 00:01:07,767
detector. After 16 years
of amazing discoveries,

26
00:01:07,834 --> 00:01:10,837
the mission of our Spitzer
Space Telescope will soon

27
00:01:10,904 --> 00:01:11,504
end.

28
00:01:11,571 --> 00:01:14,174
Its infrared scans of the
cosmos have discovered

29
00:01:14,240 --> 00:01:16,776
several Earth-size
exoplanets and produced

30
00:01:16,843 --> 00:01:18,445
some breathtaking images.

31
00:01:18,511 --> 00:01:20,647
Engineers will
decommission the

32

00:01:20,713 --> 00:01:22,916
spacecraft on Jan. 30.

33
00:01:22,982 --> 00:01:25,685
Our OSIRIS-REx spacecraft
completed the closest

34
00:01:25,752 --> 00:01:28,888
science observations to
date of a sample site

35
00:01:28,955 --> 00:01:31,891
during a flyover only
four-tenths of a mile

36
00:01:31,958 --> 00:01:33,893
above Nightingale
-- the mission's

37
00:01:33,960 --> 00:01:36,529
primary sample site
on asteroid Bennu.

38
00:01:36,596 --> 00:01:38,765
High-resolution images
collected during the

39
00:01:38,832 --> 00:01:41,401
flyover will help the
spacecraft avoid hazards

40
00:01:41,468 --> 00:01:43,770
during sample collection
later this year.

41
00:01:49,676 --> 00:01:52,145
Our annual commemoration
of Martin Luther King,

42
00:01:52,212 --> 00:01:55,281

Jr. included a program at
our headquarters featuring

43
00:01:55,348 --> 00:01:58,418
words from former
astronaut Scott Altman and

44
00:01:58,485 --> 00:02:01,521
Janice Mathis, Esq.,
executive director of the

45
00:02:01,588 --> 00:02:03,556
National Council
of Negro Women.

46
00:02:03,623 --> 00:02:07,026
And from space, astronauts
Jessica Meir and Christina

47
00:02:07,093 --> 00:02:10,230
Koch had these words of
tribute to Dr. King at the

48
00:02:10,296 --> 00:02:11,564
conclusion of their Jan.

49
00:02:11,631 --> 00:02:12,799
20 spacewalk.

50
00:02:12,866 --> 00:02:15,568
"When one has the
spectacular view that we

51
00:02:15,635 --> 00:02:16,603
have today -

52
00:02:16,669 --> 00:02:19,906
looking down on our one
common home, planet Earth,

53
00:02:19,973 --> 00:02:21,407
his words resonate
loudly."

54
00:02:21,474 --> 00:02:25,211
It's so meaningful for us
today to be out here on

55
00:02:25,278 --> 00:02:27,447
the day we honor Martin
Luther King, Jr. who paved

56
00:02:27,514 --> 00:02:31,017
the way not only for us,
but for so many that have

57
00:02:31,084 --> 00:02:31,851
a dream."

58
00:02:31,918 --> 00:02:32,585
That's what's up

59
00:02:32,652 --> 00:02:34,187
this week @NASA ...

60
00:02:34,254 --> 00:02:36,189
For more on these and
other stories, follow us