1
00:00:00,320 --> 00:00:04,400
New crew safely aboard the space station…
A launch update on another space\h\h

2
00:00:04,400 --> 00:00:06,480
station mission …
And an international\h\h

3
00:00:06,480 --> 00:00:10,800
agreement on Artemis … a few of the stories\h
to tell you about – This Week at NASA!
\h

4
00:00:13,120 --> 00:00:16,640
NASA’s Kate Rubins is safely aboard\h
the International Space Station.\h\h

5
00:00:16,640 --> 00:00:22,640
She and Expedition 64 crewmates Sergey Ryzhikov,\h
and Sergey Kud-Sverchkov, both of Roscosmos,\h\h

6
00:00:22,640 --> 00:00:27,440
were greeted by our Chris Cassidy and others\h
aboard the orbital outpost on Oct. 14,\h\h

7
00:00:27,440 --> 00:00:31,040
just hours after launching from the\h
Baikonur Cosmodrome in Kazakhstan.
\h

8
00:00:32,320 --> 00:00:37,520
NASA’s SpaceX Crew-1 mission to the International\h
Space Station is now targeted for no sooner than\h\h

9
00:00:37,520 --> 00:00:42,880
early-to-mid November. This will give SpaceX\h
more time to evaluate some issues observed\h\h

10
00:00:42,880 --> 00:00:47,360
during a recent non-NASA launch of its\h

Falcon 9 rocket. The mission will be the\h\h

11
00:00:47,360 --> 00:00:52,080
first commercial crew rotational flight to the\h
station with the SpaceX Crew Dragon spacecraft.
\h

12
00:00:53,120 --> 00:00:58,880
During a virtual meeting of the International\h
Astronautical Congress on Oct.13, NASA and 7\h\h

13
00:00:58,880 --> 00:01:03,840
partner countries signed the Artemis Accords\h
agreement for international participation in\h\h

14
00:01:03,840 --> 00:01:09,680
our Artemis program, which includes sending the\h
first woman and next man to the Moon in 2024.
\h

15
00:01:10,320 --> 00:01:14,560
“The principles described in the\h
Artemis Accords are what will create\h\h

16
00:01:14,560 --> 00:01:18,560
a bright and prosperous future\h
that we all want for ourselves\h\h

17
00:01:18,560 --> 00:01:24,160
and for generations to come. These principles\h
are grounded in the Outer Space Treaty.”
\h

18
00:01:24,160 --> 00:01:30,480
The founding members of the Artemis Accords are\h
Australia, Canada, Italy, Japan, Luxembourg,\h\h

19
00:01:30,480 --> 00:01:33,840
the United Arab Emirates, the\h
United Kingdom, and the U.S.
\h

20
00:01:34,960 --> 00:01:40,240
The OSIRIS-REx team’s first Touch-And-Go (TAG)\h
sample collection attempt with asteroid Bennu\h\h

21
00:01:40,240 --> 00:01:45,680
is targeted for Oct. 20. O-REx is attempting\h
to be the first-ever NASA spacecraft\h\h

22
00:01:45,680 --> 00:01:49,200
to collect a sample of an asteroid\h
and send it back to Earth for study.
\h

23
00:01:50,320 --> 00:01:56,400
On Oct. 14, NASA announced the latest partnerships\h
with space tech companies through a “Tipping\h\h

24
00:01:56,400 --> 00:02:01,200
Point” solicitation to develop commercial\h
space capabilities, and to benefit future\h\h

25
00:02:01,200 --> 00:02:07,120
NASA missions. The agency also provided an update\h
on space tech efforts to enable human and robotic\h\h

26
00:02:07,120 --> 00:02:12,560
exploration on the Moon and future operations\h
on Mars. Learn more at nasa.gov/moontomars.
\h

27
00:02:14,960 --> 00:02:19,600
A NASA-developed sensor suite that could help\h
robotic and crewed missions make precise,\h\h

28
00:02:19,600 --> 00:02:25,280
soft landings on the Moon was launched aboard a\h
Blue Origin New Shepard suborbital rocket on Oct.\h\h

29
00:02:25,280 --> 00:02:30,560

13. The rocket's flight path provided a unique\h
opportunity to further develop the sensors and\h\h

30
00:02:30,560 --> 00:02:35,920
algorithms for potential use on Artemis missions.
That’s what’s up this week @NASA …
\h