TW@N

THIS WEEK @ NASA

1
00:00:00,099 --> 00:00:03,320
Celebrating diversity in space and technology
…

2
00:00:03,320 --> 00:00:06,000
Some recognition for a unique mission …

3
00:00:06,000 --> 00:00:11,120
And a small find that is a pretty big deal
… a few of the stories to tell you about

4
00:00:11,120 --> 00:00:13,000
– This Week at NASA!

5
00:00:13,000 --> 00:00:19,960
On Feb. 10, NASA collaborated with the Smithsonian
National Museum of African American History

6
00:00:19,960 --> 00:00:25,830
and Culture for a Black History Month event
highlighting contributions by African Americans

7
00:00:25,830 --> 00:00:27,940
to space and technology.

8
00:00:27,940 --> 00:00:32,710
The event was aimed at inspiring students
to pursue science, technology, engineering,

9
00:00:32,710 --> 00:00:35,780
and math, or STEM fields of study.

10
00:00:35,780 --> 00:00:41,210
NASA’s Double Asteroid Redirection Test,
or DART team has been selected to receive

11
00:00:41,210 --> 00:00:45,710
the Space Foundation’s 2023 Space Achievement
Award.

12
00:00:45,710 --> 00:00:51,140
Last year, the DART spacecraft successfully collided with, and changed the course of an

13
00:00:51,140 --> 00:00:55,860
asteroid during the first-ever planetary defense test mission.

14
00:00:55,860 --> 00:01:01,789
An international team of European astronomers has used NASA’s James Webb Space Telescope

15
00:01:01,789 --> 00:01:04,830
to detect a very small asteroid.

16
00:01:04,830 --> 00:01:10,850
The asteroid – about 300 to 650 feet long – is likely the smallest object observed

17
00:01:10,850 --> 00:01:17,900
to date by Webb and may be an example of an object less than 0.6 miles long within the

18
00:01:17,900 --> 00:01:22,760
main asteroid belt between Mars and Jupiter.

19
00:01:22,760 --> 00:01:28,470
On Feb. 8, engineers at our Stennis Space Center conducted the first hot fire test of

20
00:01:28,470 --> 00:01:32,560
the year with the newly redesigned RS-25 engine.

21
00:01:32,560 --> 00:01:37,730
Four of the engines will help power our Space Launch System rocket on future Artemis missions

22
00:01:37,730 --> 00:01:38,730

to the Moon.