



1
00:00:07,579 --> 00:00:02,780
hi I'm NASA Kennedy's Joe prayer and I'm

2
00:00:10,250 --> 00:00:07,589
taking you inside KSC a small satellite

3
00:00:11,990 --> 00:00:10,260
called a CubeSat created by students at

4
00:00:13,549 --> 00:00:12,000
Florida's Merritt Island High School is

5
00:00:16,550 --> 00:00:13,559
one of the payloads on the upcoming

6
00:00:18,769 --> 00:00:16,560
space test program to mission named for

7
00:00:21,590 --> 00:00:18,779
the school's mascot the Mustang staying

8
00:00:23,509 --> 00:00:21,600
site is ready to launch its purpose to

9
00:00:25,490 --> 00:00:23,519
measure the shock and vibration of a

10
00:00:26,750 --> 00:00:25,500
launch to determine how durable cube

11
00:00:29,540 --> 00:00:26,760
SATs must be built

12
00:00:31,790 --> 00:00:29,550
STP too is a mission for the Department

13
00:00:34,700 --> 00:00:31,800

of Defense managed by the US Air Force

14

00:00:37,100 --> 00:00:34,710

space and missile system Center staying

15

00:00:39,770 --> 00:00:37,110

sat is among nearly two dozen satellites

16

00:00:41,990 --> 00:00:39,780

including for NASA payloads that will

17

00:00:45,069 --> 00:00:42,000

launch on a SpaceX Falcon Heavy rocket

18

00:00:46,970 --> 00:00:45,079

from launch pad 39a later this month

19

00:00:49,549 --> 00:00:46,980

engineers are prepping the mobile

20

00:00:51,529 --> 00:00:49,559

launcher or m/l for its next big move

21

00:00:54,680 --> 00:00:51,539

atop the crawler transporter - launch

22

00:00:56,540 --> 00:00:54,690

pad 39b inside the iconic Vehicle

23

00:00:58,099 --> 00:00:56,550

Assembly Building the m/l is going

24

00:01:00,290 --> 00:00:58,109

through some testing in high bay 3

25

00:01:02,660 --> 00:01:00,300

before it begins a trek along the

26
00:01:05,179 --> 00:01:02,670
crawler way for a fit check and testing

27
00:01:07,520 --> 00:01:05,189
at the pad for the first uncrewed test

28
00:01:09,440 --> 00:01:07,530
flight artemis won the ml will carry

29
00:01:11,600 --> 00:01:09,450
NASA's Space Launch System and Orion

30
00:01:13,969 --> 00:01:11,610
spacecraft to the pad for launch

31
00:01:15,830 --> 00:01:13,979
Orion will travel on an approximately

32
00:01:17,810 --> 00:01:15,840
three week mission that will take the

33
00:01:20,060 --> 00:01:17,820
spacecraft thousands of miles past the

34
00:01:22,219 --> 00:01:20,070
moon Artemis one sets the stage for

35
00:01:24,109 --> 00:01:22,229
NASA's goal to land American astronauts

36
00:01:27,469 --> 00:01:24,119
including the first woman and the next

37
00:01:29,569 --> 00:01:27,479
man on the moon by 2024