



1
00:00:00,000 --> 00:00:02,135
NASA's James Webb Space
Telescope has successfully ...

2
00:00:02,135 --> 00:00:05,572
passed another series of
critical testing milestones.

3
00:00:05,572 --> 00:00:06,473
Music

4
00:00:06,473 --> 00:00:10,711
Webb's "brain" and sunshield
known together as the ...

5
00:00:10,711 --> 00:00:13,714
spacecraft element, successfully
completed acoustic and vibration
testing.

6
00:00:13,714 --> 00:00:16,617
Before the testing began,
technicians enclosed the
spacecraft element ...

7
00:00:16,617 --> 00:00:20,087
with a special tent cover to
protect it while it was moved.

8
00:00:20,087 --> 00:00:21,588
Music

9
00:00:21,588 --> 00:00:25,025
Once inside the acoustic
chamber, technicians blasted it
with acoustic energy...

10
00:00:25,025 --> 00:00:29,496
nearly 100 times more intense,
10 times more sound pressure,

...

11

00:00:29,496 --> 00:00:31,265
and 4 times louder than a rock
concert.

12

00:00:31,265 --> 00:00:32,960
Music

13

00:00:33,020 --> 00:00:36,020
The acoustic and vibration tests
simulated the launch environment

...

14

00:00:36,020 --> 00:00:39,560
that the spacecraft element will
endure, and completing these
tests ...

15

00:00:39,573 --> 00:00:42,376
helped ensure that it can
survive liftoff.

16

00:00:42,376 --> 00:00:45,746
Now that the acoustic and
vibration tests have been
completed, ...

17

00:00:45,746 --> 00:00:48,849
the spacecraft element's next
test will be inside a thermal
vacuum chamber.