



1

00:00:04,319 --> 00:00:09,660

NASA, Boeing and United Launch Alliance engineers
timed an MRAP armored vehicle as it traveled

2

00:00:09,660 --> 00:00:12,750

from different points at Space Launch Complex
41.

3

00:00:12,750 --> 00:00:17,520

The goal: To find out how long it would take
for astronauts and ground crews to evacuate

4

00:00:17,520 --> 00:00:19,210

the launch pad in an emergency.

5

00:00:19,210 --> 00:00:24,160

The analysis is part of an ongoing development
for the certification of the CST-100 capsule,

6

00:00:24,160 --> 00:00:29,550

Atlas V rocket and ground systems for Commercial
Crew flights to the International Space Station.

7

00:00:29,550 --> 00:00:33,960

You can crunch numbers all day long but it
doesn't mean anything until you actually measure

8

00:00:33,960 --> 00:00:34,960

it.

9

00:00:34,960 --> 00:00:41,580

This will feed into all of our calculations
for getting the crew and the ground crew off

10

00:00:41,580 --> 00:00:43,640

the pad.

11

00:00:43,640 --> 00:00:48,030

The MRAP is much more robust than the M113

vehicles used during the space shuttle era.

12

00:00:48,030 --> 00:00:51,079

Its faster, bigger, and more versatile.

13

00:00:51,079 --> 00:00:55,899

Once the CST-100 crew access tower is completed at the pad, teams will perform more testing

14

00:00:55,899 --> 00:00:57,500

with astronauts.

15

00:00:57,500 --> 00:01:02,280

The most surprising thing about today was that it was a lot easier than we thought.

16

00:01:02,280 --> 00:01:08,600

It performed a lot better than we thought, it was a lot more comfortable than we expected.

17

00:01:08,600 --> 00:01:13,040

Bought by NASA's Ground Systems Development and Operations Program, the MRAPs are to be