



1

00:00:00,620 --> 00:00:06,290

SpaceX performed a successful test of its parachute system for the Crew Dragon spacecraft

2

00:00:06,290 --> 00:00:11,670

near Coolidge, Arizona as part of its final development and certification work with NASA's

3

00:00:11,670 --> 00:00:14,599

Commercial Crew Program.

4

00:00:14,599 --> 00:00:19,090

Using a weight simulant in the place of a boilerplate spacecraft, four main parachutes

5

00:00:19,090 --> 00:00:23,890

were rigged to deploy just as they would when the Crew Dragon returns to Earth with astronauts

6

00:00:23,890 --> 00:00:25,340

aboard.

7

00:00:25,340 --> 00:00:30,650

Carried into the sky aboard a C-130 cargo aircraft, the test assembly was released from

8

00:00:30,650 --> 00:00:32,189

the back of the aircraft.

9

00:00:32,189 --> 00:00:37,760

Tests like this allow engineers to assess the reliability of flight-like hardware.

10

00:00:37,760 --> 00:00:42,760

Initially, the spacecraft will splash down safely in the ocean under parachutes, but

11

00:00:42,760 --> 00:00:49,020

ultimately the company wants to land the vehicle

on land using eight SuperDraco engines.

12

00:00:49,020 --> 00:00:54,030

SpaceX recently tested propulsive land landing ability in Texas.

13

00:00:54,030 --> 00:00:59,120

SpaceX and Boeing are working in separate partnerships with NASA to build a new generation