
A
B

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00:00:01,320 --> 00:00:06,350
NARRATOR: If the CST-100 ever has to splash down in the water, engineers and designers

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00:00:06,350 --> 00:00:11,220
want to make sure the astronauts inside have everything they would need to keep themselves

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00:00:11,220 --> 00:00:13,160
and the spacecraft safe.

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00:00:13,160 --> 00:00:17,510
That's why The Boeing Company tried out a host of equipment during recent testing

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00:00:17,510 --> 00:00:21,340
in a specialized facility outside Las Vegas.

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00:00:21,340 --> 00:00:27,730
Boeing is developing the CST-100 in partnership with NASA's Commercial Crew Program.

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00:00:27,730 --> 00:00:31,870
The capsule-shaped spacecraft is intended to carry crews to low-Earth orbit

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00:00:31,870 --> 00:00:35,140
and offer NASA astronauts a vessel to space.

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00:00:35,140 --> 00:00:38,840
The spacecraft is not meant to splash down in water to end a mission,

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00:00:38,840 --> 00:00:42,510
but rather parachute to an open area of land.

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00:00:42,510 --> 00:00:47,120
But that doesn't mean engineers are not preparing the capsule and crews in case a water

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00:00:47,120 --> 00:00:49,010
landing is called for.

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00:00:49,010 --> 00:00:55,470

John McKinney: We want to make sure that the equipment that we have either in the vehicle

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00:00:55,470 --> 00:01:01,050
or the recovery forces bring with us is designed properly.

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00:01:01,050 --> 00:01:05,480
NARRATOR: The testing took place at a Bigelow Aerospace facility near Las Vegas

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00:01:05,480 --> 00:01:08,500
and builds on activities that began last year.

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00:01:08,500 --> 00:01:14,880
The evaluations provided engineers with significant insight to their designs and expectations.

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00:01:14,880 --> 00:01:18,120
Alejandro Diaz: Crew safety is at the core of everything we do.

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00:01:18,120 --> 00:01:22,300
We take the time out to do this development testing.

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00:01:22,300 --> 00:01:29,070
You can think of many ideas at the office but once you get in here and test things out,

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00:01:29,070 --> 00:01:32,410
that's when you actually determine how good something works.

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00:01:32,410 --> 00:01:35,570
John McKinney: That's the beauty of testing, it is the real world.

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00:01:35,570 --> 00:01:43,070
You can design all day long but until you take it out and test in a real environment,

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00:01:43,070 --> 00:01:45,350
you don't know how it's going to perform.