



1
00:00:01,090 --> 00:00:05,510

An intense spray of water marked the latest test for the Crew Access Arm that will be

2
00:00:05,510 --> 00:00:12,059

used for Boeing's CST-100 Starliner missions for NASA's Commercial Crew Program.

3
00:00:12,059 --> 00:00:16,170

Built by United Launch Alliance for Boeing at a construction area near Kennedy Space

4
00:00:16,170 --> 00:00:21,330

Center in Florida, the Crew Access Arm and White Room will be the last place astronauts

5
00:00:21,330 --> 00:00:27,010

step before boarding the Starliner and flying to the International Space Station.

6
00:00:27,010 --> 00:00:31,130

Before that can happen, though, all the systems have to be thoroughly tested.

7
00:00:31,130 --> 00:00:35,570

Few systems would be as valuable to a crew in an emergency as the lighting and water

8
00:00:35,570 --> 00:00:39,880

deluge networks built along the frame of the 44-foot-long arm.

9
00:00:39,880 --> 00:00:45,130

The deluge of hundreds of gallons of water is designed to cool the structure so ground

10
00:00:45,130 --> 00:00:50,700

support teams and astronauts could leave the spacecraft and get to a safe area.

11
00:00:50,700 --> 00:00:54,560
Once the arm and White Room are ready and
all their components tested, they will be

12
00:00:54,560 --> 00:01:00,039
taken to Space Launch Complex 41 at Cape Canaveral
Air Force Station and raised into position

13
00:01:00,039 --> 00:01:02,449
on the Crew Access Tower.

14
00:01:02,449 --> 00:01:07,490
The arm and white room will be critical components
for each launch of the Starliner as astronauts