1
00:00:02,340 --> 00:00:07,170
Narrator: It may look like a mini-version of NASA's long-admired fleet of space shuttles,

2
00:00:07,170 --> 00:00:12,980
but Sierra Nevada Corporation's agency partner manager says Dream Chaser is more than just

3
00:00:12,980 --> 00:00:18,110
a silhouette of America's historical crew transportation system.

4
00:00:18,110 --> 00:00:21,650
Cheryl McPhillips/NASA Partner Manager: Well, there's a lot of unique features about Dream Chaser.

5
00:00:21,650 --> 00:00:27,940
It's got the lifting body, which means it has a bigger cross range, which means it can land on a runway.

6
00:00:27,940 --> 00:00:35,300
Also, it comes down at lower Gs, which means it's a smoother ride. It also has the green propellant technology

7
00:00:35,300 --> 00:00:41,090
which makes it safer for processing on the ground and for turning it around for additional flights.

8
00:00:41,090 --> 00:00:47,130
Narrator: Advances made to Dream Chaser as it's prepared to launch atop a United Launch Alliance Atlas V du

9
00:00:47,130 --> 00:00:54,490
NASA's Commercial Crew Integrated Capability initiative, or CCiCap, could give it the edge is needs to begin

10
00:00:54,490 --> 00:00:59,880
transporting humans to and from low Earth orbit around 2017.

11
00:00:59,880 --> 00:01:04,100
Cheryl McPhillips/NASA Partner Manager: In some ways CCiCap is a continuation of CCDev2.

12
00:01:04,100 --> 00:01:10,500
It's just going to advance their crew transportation system farther. So, they made it to a preliminary design revie

13
00:01:10,500 --> 00:01:16,500

Sierra Nevada did, during CCDev2. And during CCiCap, they hope to make it to the critical design review,

14
00:01:16,500 --> 00:01:21,000
which means they're basically ready to go into manufacturing of the space vehicle.

15
00:01:21,000 --> 00:01:25,870
Narrator: The work the company puts into testing its hardware and showcasing how it would operate and mana