1
00:00:00,100 --> 00:00:01,201
Electronics Act

2
00:00:01,201 --> 00:00:04,838
as the brains of NASA's Space
Launch System (SLS) rocket and Orion spacecraft.

3
00:00:05,038 --> 00:00:07,073
Here are some suppliers across the U.S.

4
00:00:07,073 --> 00:00:08,475
that are providing these.

5
00:00:08,475 --> 00:00:11,544
In Oklahoma, Frontier Electronics Systems
Corp.

6
00:00:11,544 --> 00:00:13,813
manufactures circuit card assemblies.

7
00:00:13,813 --> 00:00:17,283
The systems help control and monitor
the propulsion systems in the SLS

8
00:00:17,350 --> 00:00:21,221
core stage and can provide emergency saving capability if ever needed.

9
00:00:21,755 --> 00:00:25,191
Wildwood Electronics in Alabama
makes the flight computer test rack.

10
00:00:25,525 --> 00:00:29,295
It is loaded with flight software
to monitor and command the SLS core stage

11
00:00:29,295 --> 00:00:30,630
from the ground.

12

00:00:30,630 --> 00:00:33,066
L3 Harris Technologies in Ohio provides

13
00:00:33,099 --> 00:00:37,003
20 total avionics units for the rocket's
two solid rocket boosters.

14
00:00:37,470 --> 00:00:40,774
Vishay Tansitor in Vermont and Newark
Electronics in South

15
00:00:40,774 --> 00:00:44,244
Carolina produce space grade
electronic devices for SLS.

16
00:00:44,711 --> 00:00:46,513
Farther West - Apcon Inc.

17
00:00:46,513 --> 00:00:50,417
in Oregon, Smiths-Interconnect
Americas in Kansas, and Vishay Dale

18
00:00:50,417 --> 00:00:53,653
Electronics in Nebraska
supply different electronic components

19
00:00:53,653 --> 00:00:56,423
like fiber channel connectors
and switches for Orion.