



1
00:00:01,201 --> 00:00:03,003
Thousands of materials are used on

2
00:00:03,003 --> 00:00:05,739
the Space Launch System rocket
and Orion spacecraft.

3
00:00:05,972 --> 00:00:09,109
Here are a few companies across America
that supply those.

4
00:00:09,642 --> 00:00:13,446
Titanium that secures the rocket engines
and their feed lines to SLS

5
00:00:13,480 --> 00:00:16,116
is provided by Kencoa
Aerospace in Georgia.

6
00:00:16,916 --> 00:00:20,220
Miles of tubing are provided
by LeFiell Manufacturing in California

7
00:00:20,820 --> 00:00:23,056
for cooling the rocket's engines.

8
00:00:23,056 --> 00:00:26,192
Various metals and composite materials
for the rocket's propulsion

9
00:00:26,192 --> 00:00:28,128
systems are provided by T.W.

10
00:00:28,128 --> 00:00:32,032
Metals in Pennsylvania,
Constellium Rolled Products in West Virginia

11
00:00:32,332 --> 00:00:35,802
and Solvay Composite Materials

in Minnesota. In Colorado

12

00:00:35,835 --> 00:00:39,706

Primus Aerospace offers
material and machining for water jetting,

13

00:00:39,706 --> 00:00:42,709

a process that uses a high pressure water
mixture to cut

14

00:00:42,709 --> 00:00:45,512

into thick plates of titanium
for building Orion.

15

00:00:45,979 --> 00:00:49,282

Textile materials used on Artemis
for thermal protection

16

00:00:49,282 --> 00:00:50,984

are provided by Amorim Cork

17

00:00:50,984 --> 00:00:54,654

Composites
in Wisconsin, ICF Mercantile in New Jersey

18

00:00:55,021 --> 00:00:57,090

and Tex Tech Coatings in North Carolina.