



**NORTHROP GRUMMAN CORPORATION**  
MARYLAND

1  
00:00:00,900 --> 00:00:03,603

Rocket Motors  
provide the power needed to launch NASA's

2  
00:00:03,603 --> 00:00:06,573

Space Launch System (SLS)  
rocket and Orion spacecraft to the Moon.

3  
00:00:06,773 --> 00:00:10,110

Here are some of our key partners  
in motor development for Artemis.

4  
00:00:10,410 --> 00:00:13,546

In Kentucky, ASRC supplies a polymer binder -

5  
00:00:13,646 --> 00:00:16,549

the glue that holds the SLS booster  
propellant together.

6  
00:00:16,783 --> 00:00:20,687

Central Valley Machine in Utah makes metal  
fasteners used to join the motor

7  
00:00:20,687 --> 00:00:22,255

segments of the boosters.

8  
00:00:22,255 --> 00:00:25,058

The large stainless steel  
fittings for the boosters are produced

9  
00:00:25,058 --> 00:00:27,327

by Patriot Machine,  
Incorporated in Missouri.

10  
00:00:27,460 --> 00:00:30,330

Northrop Grumman in Maryland  
makes the attitude control motor

11  
00:00:30,330 --> 00:00:34,100

for the world's first qualified  
and controllable solid propulsion system

12

00:00:34,100 --> 00:00:36,036

for Orion's Launch Abort System.

13

00:00:36,036 --> 00:00:39,172

The LAS is a tower

on top of the capsule that can pull it

14

00:00:39,172 --> 00:00:42,842

and the crew to safety in the event

of an emergency during launch or ascent.

15

00:00:43,143 --> 00:00:44,611

Fiber Materials Inc.

16

00:00:44,611 --> 00:00:45,779

designs and fabricates

17

00:00:45,779 --> 00:00:49,315

materials and components for the abort

tower's propulsion system in Maine.

18

00:00:49,682 --> 00:00:53,353

Northrop Grumman Corp.,

headquartered in Virginia, oversees

19

00:00:53,353 --> 00:00:57,057

solid rocket motors production for SLS

and the Orion Launch Abort System.