



**SPACE LAUNCH SYSTEM
CORE STAGE**

HOT FIRE

GREEN RUN



1
00:00:02,442 --> 00:00:07,099
T-1 minute. All personnel report go/no go for ALA/AEA

2
00:00:07,099 --> 00:00:13,399
[Go/No Go calls]

3
00:00:13,399 --> 00:00:16,355
Vehicle and B-2 systems are a go for ALS

4
00:00:16,355 --> 00:00:19,033
GREEN: new, untested

5
00:00:19,302 --> 00:00:23,028
GREEN RUN: A series of tests to prove a rocket stage is ready to launch

6
00:00:23,228 --> 00:00:26,314
Green Run hot fire finale

7
00:00:26,351 --> 00:00:29,629
Firing all four RS-25 engines simultaneously
for 8 minutes

8
00:00:29,629 --> 00:00:30,632
Go for engine start

9
00:00:34,148 --> 00:00:35,643
Testing 3 flight computers

10
00:00:35,643 --> 00:00:36,805
50 avionic units

11
00:00:36,805 --> 00:00:37,961
navigation systems

12
00:00:37,961 --> 00:00:39,342
control systems

13

00:00:39,342 --> 00:00:40,417

Propellant systems

14

00:00:40,417 --> 00:00:41,654

18 miles of cables

15

00:00:41,654 --> 00:00:42,904

500 sensors

16

00:00:42,904 --> 00:00:45,392

700,000 gallons of fuel

17

00:00:51,083 --> 00:00:53,083

Safe engine shut down

18

00:00:53,083 --> 00:00:59,555

Proving the SLS rocket is READY to power Artemis I

19

00:01:05,881 --> 00:01:10,769

and future missions to support landing astronauts on the Moon