

NASA TESTS ROCKET BOOSTER FOR ARTEMIS MISSIONS



1
00:00:00,000 --> 00:00:04,740
5, 4, 3, 2, 1

2
00:00:04,740 --> 00:00:06,740
Fire

3
00:00:06,740 --> 00:00:09,280
T plus 5 seconds

4
00:00:09,580 --> 00:00:14,840
NASA & NORTHROP GRUMMAN CONDUCTED A FULL-SCALE BOOSTER TEST FOR THE SPACE LAUNCH

5
00:00:14,880 --> 00:00:16,640
THE BOOSTER WAS FIRED FOR 2 MINUTES TO TEST

6
00:00:16,640 --> 00:00:17,460
MOTOR PERFORMANCE

7
00:00:17,460 --> 00:00:18,380
MANUFACTURING QUALITY

8
00:00:18,380 --> 00:00:20,380
MATERIALS & PROCESSES

9
00:00:22,320 --> 00:00:24,280
Activate head-in C02

10
00:00:24,740 --> 00:00:25,240
Activated

11
00:00:25,840 --> 00:00:28,880
Activate quench tool command forward and aft C02

12
00:00:28,880 --> 00:00:31,860
THE SLS SOLID ROCKET BOOSTERS ARE THE LARGEST, MOST POWERFUL BOOSTERS EVER BUILT

13
00:00:31,860 --> 00:00:35,580

EACH BOOSTER BURNS 6 TONS OF SOLID PROPELLANT EVERY SECOND

14

00:00:35,660 --> 00:00:40,840

AND GENERATES A MAX THRUST OF MORE THAN 3.5 MILLION LBS

15

00:00:44,520 --> 00:00:49,460

THE TWIN BOOSTERS PROVIDE MORE THAN 75% OF THE ROCKET'S THRUST

16

00:00:53,040 --> 00:00:56,520

POWERING ARTEMIS MISSIONS TO THE MOON

17

00:00:56,680 --> 00:00:59,760

THE ARTEMIS PROGRAM IS THE NEXT STEP IN HUMAN SPACE EXPLORATION

18

00:01:00,800 --> 00:01:04,240

AND WILL ENABLE HUMANITY'S NEXT GIANT LEAP ...

19

00:01:04,240 --> 00:01:05,280

SENDING