



**INSIDE
▶▶ KSC!**

1
00:00:06,460 --> 00:00:02,540
hi I'm got the Kennedys mark Suge and

2
00:00:10,610 --> 00:00:08,839
NASA's Parker Solar Probe is being

3
00:00:13,070 --> 00:00:10,620
processed for its mission to study the

4
00:00:15,499 --> 00:00:13,080
Sun the probe is being tested and

5
00:00:17,830 --> 00:00:15,509
prepared inside the Astrotech processing

6
00:00:20,150 --> 00:00:17,840
facility near Kennedy Space Center

7
00:00:22,250 --> 00:00:20,160
engineers and technicians deployed the

8
00:00:25,040 --> 00:00:22,260
probe solar arrays the main source of

9
00:00:26,420 --> 00:00:25,050
power to check their functionality then

10
00:00:28,759 --> 00:00:26,430
with the lights out

11
00:00:30,679 --> 00:00:28,769
we used a laser to illuminate the solar

12
00:00:31,970 --> 00:00:30,689
cells to ensure they are working to

13
00:00:34,850 --> 00:00:31,980

produce electricity

14

00:00:36,770 --> 00:00:34,860

they also extended and check the motion

15

00:00:39,139 --> 00:00:36,780

of the magnetometer film to make sure

16

00:00:42,979 --> 00:00:39,149

that the insulation blanketing does not

17

00:00:45,020 --> 00:00:42,989

bind or interfere with its operation our

18

00:00:46,910 --> 00:00:45,030

per solar probe will launch no earlier

19

00:00:49,610 --> 00:00:46,920

than August 4th on the United Launch

20

00:00:52,459 --> 00:00:49,620

Alliance Delta 4 heavy rocket from Space

21

00:00:55,250 --> 00:00:52,469

Launch Complex 37 at Cape Canaveral Air

22

00:00:57,920 --> 00:00:55,260

Force Station the probe will perform the

23

00:00:59,240 --> 00:00:57,930

closest ever observations of a star when

24

00:01:02,810 --> 00:00:59,250

it travels through the sun's atmosphere

25

00:01:04,549 --> 00:01:02,820

called the corona the probe will rely on

26

00:01:06,530 --> 00:01:04,559

measurements and imaging to

27

00:01:09,490 --> 00:01:06,540

revolutionize our understanding of the

28

00:01:12,289 --> 00:01:09,500

corona and the Sun earth connection and