



INSIDE
▶▶ **KSC!**

1
00:00:04,190 --> 00:00:02,300
hi I'm NASA Kennedy's Tristan Mon burn

2
00:00:08,839 --> 00:00:04,200
taking you inside KSC

3
00:00:11,509 --> 00:00:08,849
a critical piece of hardware is now in

4
00:00:12,950 --> 00:00:11,519
place on NASA's Parker Solar Probe the

5
00:00:15,200 --> 00:00:12,960
heat shield will protect the spacecraft

6
00:00:17,300 --> 00:00:15,210
from temperatures of up to 2,500 degrees

7
00:00:19,040 --> 00:00:17,310
Fahrenheit when it flies directly into

8
00:00:21,529 --> 00:00:19,050
the sun's atmosphere during its upcoming

9
00:00:23,390 --> 00:00:21,539
mission to kiss the Sun the Parker Solar

10
00:00:25,519 --> 00:00:23,400
Probe is slated to launch on the United

11
00:00:28,460 --> 00:00:25,529
Launch Alliance Delta 4 heavy rocket

12
00:00:29,870 --> 00:00:28,470
from Space Launch Complex 37 at Cape

13
00:00:32,150 --> 00:00:29,880

Canaveral Air Force Station in the

14

00:00:34,310 --> 00:00:32,160

coming weeks it will travel within 4

15

00:00:36,620 --> 00:00:34,320

million miles of our Sun surface to

16

00:00:39,440 --> 00:00:36,630

unlock 60 years of unsolved mysteries

17

00:00:41,450 --> 00:00:39,450

surrounding the Sun's corona critical

18

00:00:43,549 --> 00:00:41,460

activities are ongoing at Kennedy and

19

00:00:46,729 --> 00:00:43,559

preparation for Orion's ascent abort to

20

00:00:48,680 --> 00:00:46,739

flight test in April of 2019 the Orion

21

00:00:50,930 --> 00:00:48,690

spacecraft is being built to take humans

22

00:00:51,549 --> 00:00:50,940

to explore beyond the moon and on to

23

00:00:55,069 --> 00:00:51,559

Mars

24

00:00:56,660 --> 00:00:55,079

Orion's launch abort system or la s can

25

00:00:58,610 --> 00:00:56,670

propel the crew module away from the

26

00:01:00,260 --> 00:00:58,620

rocket within milliseconds if a

27

00:01:03,349 --> 00:01:00,270

life-threatening event arises during

28

00:01:05,119 --> 00:01:03,359

launch at Kennedy pathfinding operations

29

00:01:08,240 --> 00:01:05,129

are helping to ensure the effectiveness

30

00:01:10,399 --> 00:01:08,250

of the crew escape system the April 2019

31

00:01:12,080 --> 00:01:10,409

test flight will launch an Orion test

32

00:01:15,770 --> 00:01:12,090

article from Cape Canaveral Air Force

33

00:01:17,840 --> 00:01:15,780

Station to an altitude of 31,000 feet la

34

00:01:20,330 --> 00:01:17,850

s abort motor will then propel the test

35

00:01:23,660 --> 00:01:20,340

vehicle to a safe distance away from the