INSIDE KSC!

1
00:00:05,180 --> 00:00:03,290
hi I'm NASA Kennedy's Malcolm Boston and

2
00:00:08,210 --> 00:00:05,190
I'm taking you inside KSC

3
00:00:10,250 --> 00:00:08,220
a mission that's been in the making for

4
00:00:12,650 --> 00:00:10,260
60 years has finally begun

5
00:00:14,450 --> 00:00:12,660
NASA's Parker Solar Probe lifted off

6
00:00:18,290 --> 00:00:14,460
from Cape Canaveral Air Force stations

7
00:00:20,960 --> 00:00:18,300
Space Launch Complex 37 at 3:31 a.m. on

8
00:00:22,670 --> 00:00:20,970
Sunday August 12th it was the start of a

9
00:00:25,730 --> 00:00:22,680
landmark study of the star of our solar

10
00:00:27,950 --> 00:00:25,740
system the Sun the size of a small car

11
00:00:29,689 --> 00:00:27,960
the spacecraft was sent on its long

12
00:00:32,299 --> 00:00:29,699
journey by a United Launch Alliance

13
00:00:34,760 --> 00:00:32,309

Delta 4 heavy rocket the Parker Solar

14
00:00:36,319 --> 00:00:34,770
Probe is the fourth of six missions this

15
00:00:39,290 --> 00:00:36,329
year for NASA's launch services program

16
00:00:42,470 --> 00:00:39,300
based here at Kennedy the mission was

17
00:00:45,110 --> 00:00:42,480
first proposed in 1958 by dr. Eugene

18
00:00:47,660 --> 00:00:45,120
Parker a pioneer in Helio physics the

19
00:00:49,549 --> 00:00:47,670
study of the Sun after anticipating the

20
00:00:51,410 --> 00:00:49,559
launch the University of Chicago

21
00:00:54,430 --> 00:00:51,420
professor is looking forward to seeing

22
00:00:57,619 --> 00:00:54,440
his vision becoming a reality well I

23
00:01:00,439 --> 00:00:57,629
really have to turn from biting my nails

24
00:01:02,930 --> 00:01:00,449
and getting it launched to thinking

25
00:01:06,890 --> 00:01:02,940
about all the interesting things which I

26
00:01:09,710 --> 00:01:06,900
don't know yet and which will be made

27
00:01:12,450 --> 00:01:09,720
clear I assume over the next five or six

28
00:01:14,640 --> 00:01:12,460
or seven years

29
00:01:18,060 --> 00:01:14,650
and it's a whole new phase and it's

30
00:01:19,950 --> 00:01:18,070
gonna be fascinating with technology now

31
00:01:22,110 --> 00:01:19,960
in place for a mission to fly into the

32
00:01:23,880 --> 00:01:22,120
sun's atmosphere the spacecraft's

33
00:01:26,250 --> 00:01:23,890
findings will help researchers improve

34
00:01:28,170 --> 00:01:26,260
their understanding of phenomena such as

35
00:01:29,610 --> 00:01:28,180
the solar wind the spacecraft will

36
00:01:32,640 --> 00:01:29,620
transmit its first science observations

37
00:01:34,290 --> 00:01:32,650
in December beginning a revolution in

38
00:01:37,530 --> 00:01:34,300

our understanding of the star that makes

39
00:01:40,109 --> 00:01:37,540
life on Earth possible and remember