



**INSIDE
▶▶ KSC!**

1
00:00:07,610 --> 00:00:02,330
hey I'm NASA Kennedy's atom burrow and

2
00:00:09,200 --> 00:00:07,620
I'm taking you inside KSC engineering

3
00:00:10,820 --> 00:00:09,210
and exploration ground systems at

4
00:00:12,860 --> 00:00:10,830
Kennedy Space Center are celebrating a

5
00:00:14,570 --> 00:00:12,870
major milestone that's two and a half

6
00:00:15,680 --> 00:00:14,580
years of testing launch equipment for

7
00:00:18,920 --> 00:00:15,690
exploration mission-1

8
00:00:20,060 --> 00:00:18,930
is now complete a total of 22 mobile

9
00:00:22,580 --> 00:00:20,070
launcher umbilicals and other

10
00:00:24,590 --> 00:00:22,590
accessories were tested including the

11
00:00:26,420 --> 00:00:24,600
ryan service module umbilical the crew

12
00:00:28,550 --> 00:00:26,430
access arm seal and eight vehicle

13
00:00:30,050 --> 00:00:28,560

support posts all of these currently

14

00:00:32,179 --> 00:00:30,060

reside on the mobile launcher in

15

00:00:34,430 --> 00:00:32,189

preparation for launch in 2020

16

00:00:36,380 --> 00:00:34,440

researchers at Kenny's swampert's are

17

00:00:38,660 --> 00:00:36,390

working to combat issues caused by gusts

18

00:00:41,600 --> 00:00:38,670

in space their electrodynamic dust

19

00:00:43,819 --> 00:00:41,610

shield or EDS uses electric targets to

20

00:00:46,010 --> 00:00:43,829

remove dust from surfaces the device

21

00:00:48,680 --> 00:00:46,020

could protect solar panels helmet visors

22

00:00:50,090 --> 00:00:48,690

camera lenses and thermal radiators from

23

00:00:52,400 --> 00:00:50,100

dust on the Moon and Mars

24

00:00:54,680 --> 00:00:52,410

currently the red planet is engulfed in

25

00:00:56,569 --> 00:00:54,690

global dust storms and dust on the moon

26

00:00:59,119 --> 00:00:56,579

caused several problems for astronauts

27

00:01:01,130 --> 00:00:59,129

during the Apollo missions NASA plans to

28

00:01:03,830 --> 00:01:01,140

send the EDS to the International Space

29

00:01:05,630 --> 00:01:03,840

Station in spring 2019 for a year of

30

00:01:08,960 --> 00:01:05,640

testing and preparation for future