



1
00:00:09,740 --> 00:00:07,160
this new rover will search for signs of

2
00:00:11,810 --> 00:00:09,750
ancient life test new technologies and

3
00:00:13,459 --> 00:00:11,820
gather rock samples which may someday

4
00:00:15,250 --> 00:00:13,469
become the first pieces of the Red

5
00:00:19,070 --> 00:00:15,260
Planet ever return to Earth for analysis

6
00:00:27,160 --> 00:00:19,080
today we are naming a spacecraft that

7
00:00:29,419 --> 00:00:27,170
will go to Mars and the name is when

8
00:00:32,930 --> 00:00:29,429
perseverance was first selected you know

9
00:00:37,530 --> 00:00:32,940
I wasn't sure about it to be honest

10
00:00:43,570 --> 00:00:41,680
when the pandemic struck the future was

11
00:00:45,670 --> 00:00:43,580
certainly unknown it was like walking

12
00:00:47,260 --> 00:00:45,680
into a blind dark alley you didn't know

13
00:00:50,189 --> 00:00:47,270

what was there what was in front of you

14

00:00:53,049 --> 00:00:50,199

what you were gonna have to deal with

15

00:00:54,939 --> 00:00:53,059

it's something that nobody expected it's

16

00:00:57,009 --> 00:00:54,949

something nobody could plan for rather

17

00:00:59,860 --> 00:00:57,019

than your first priority being mission

18

00:01:00,460 --> 00:00:59,870

success and and getting to the launch

19

00:01:02,080 --> 00:01:00,470

pad

20

00:01:04,509 --> 00:01:02,090

your first priority immediately gets

21

00:01:06,639 --> 00:01:04,519

displaced and it's now the safety of the

22

00:01:09,280 --> 00:01:06,649

people and it took a lot of work to put

23

00:01:11,290 --> 00:01:09,290

stuff together in order to keep momentum

24

00:01:13,540 --> 00:01:11,300

going to keep people working safely keep

25

00:01:14,440 --> 00:01:13,550

them healthy and to keep the project on

26

00:01:16,780 --> 00:01:14,450

schedule

27

00:01:20,020 --> 00:01:16,790

we called the effort Mars 2020 safe at

28

00:01:23,410 --> 00:01:20,030

work and the objective was to keep the

29

00:01:25,359 --> 00:01:23,420

team as safe or safer than they would be

30

00:01:26,859 --> 00:01:25,369

if they were not working you know

31

00:01:29,350 --> 00:01:26,869

putting a spacecraft together that's

32

00:01:32,680 --> 00:01:29,360

going to Mars and not making a mistake

33

00:01:34,180 --> 00:01:32,690

it's hard no matter what trying to do it

34

00:01:37,630 --> 00:01:34,190

during the middle of the pandemic it's

35

00:01:42,340 --> 00:01:37,640

it's a lot harder there's no doubt that

36

00:01:45,340 --> 00:01:42,350

working in isolation not virtual

37

00:01:47,920 --> 00:01:45,350

isolation but in physical isolation from

38

00:01:50,109 --> 00:01:47,930

everyone else is a challenge it's hard

39

00:01:52,960 --> 00:01:50,119

for me I have two young kids sometimes

40

00:01:55,539 --> 00:01:52,970

I'm not able to focus or listen probably

41

00:01:57,010 --> 00:01:55,549

as well as I would want to a lot of our

42

00:01:59,380 --> 00:01:57,020

work was occurring in a cleanroom

43

00:02:01,719 --> 00:01:59,390

anyways but that meant that even before

44

00:02:05,710 --> 00:02:01,729

we entered the cleanroom we had that

45

00:02:07,530 --> 00:02:05,720

find ways of ensuring that we were not

46

00:02:10,590 --> 00:02:07,540

putting ourselves or others at risk

47

00:02:12,970 --> 00:02:10,600

really doing something that's

48

00:02:14,920 --> 00:02:12,980

transformative and trying to understand

49

00:02:16,810 --> 00:02:14,930

whether or not life evolved on another

50

00:02:20,890 --> 00:02:16,820

planet that's the fundamental objective

51
00:02:24,580 --> 00:02:20,900
of this mission we are explorers our job

52
00:02:26,589 --> 00:02:24,590
is to go into the unknown and this is

53
00:02:29,679 --> 00:02:26,599
just another example

54
00:02:32,289 --> 00:02:29,689
the unknown how to make this job happen

55
00:02:33,099 --> 00:02:32,299
when you're doing it largely through a

56
00:02:34,869 --> 00:02:33,109
computer

57
00:02:37,030 --> 00:02:34,879
pretty much everybody that I've talked

58
00:02:39,849 --> 00:02:37,040
to that's associated with the mission

59
00:02:41,170 --> 00:02:39,859
has said the same thing which is you

60
00:02:43,780 --> 00:02:41,180
could not have come up with a better

61
00:02:45,879 --> 00:02:43,790
name than perseverance you know I'm a

62
00:02:48,339 --> 00:02:45,889
convert now I hear perseverance is the

63
00:02:50,740 --> 00:02:48,349

right name for the rover it's an amazing

64

00:02:53,649 --> 00:02:50,750

serendipity that we get to persevere

65

00:02:55,839 --> 00:02:53,659

through working on perseverance I think

66

00:02:58,509 --> 00:02:55,849

it now is it's a really important symbol

67

00:03:00,610 --> 00:02:58,519

of humanity hopefully persevering

68

00:03:02,259 --> 00:03:00,620

through this great challenging time that

69

00:03:03,970 --> 00:03:02,269

we have right now I asked the team a

70

00:03:06,520 --> 00:03:03,980

couple months ago if they would like to

71

00:03:08,559 --> 00:03:06,530

do something to kind of symbolize and

72

00:03:11,020 --> 00:03:08,569

mark these challenges that we faced and

73

00:03:13,869 --> 00:03:11,030

they designed something that we call a

74

00:03:16,179 --> 00:03:13,879

kovat nineteen perseverance plate that's

75

00:03:19,500 --> 00:03:16,189

now affixed to the port side of the

76

00:03:22,000 --> 00:03:19,510

rover it has some symbol a globe

77

00:03:23,920 --> 00:03:22,010

representing all of us that face this

78

00:03:26,619 --> 00:03:23,930

challenge together the spacecraft

79

00:03:28,479 --> 00:03:26,629

leaving the earth on its way to Mars and

80

00:03:30,759 --> 00:03:28,489

all of this supported by the now

81

00:03:32,649 --> 00:03:30,769

familiar staff and servant of the

82

00:03:35,170 --> 00:03:32,659

medical community on the front lines

83

00:03:37,509 --> 00:03:35,180

keeping us safe and we hope that this

84

00:03:39,819 --> 00:03:37,519

plate and we hope that this mission in