



1
00:00:00,280 --> 00:00:12,709

[Music]

2
00:00:15,270 --> 00:00:13,589

that

3
00:00:16,550 --> 00:00:15,280

great things

4
00:00:18,710 --> 00:00:16,560

take

5
00:00:21,029 --> 00:00:18,720
many people working together to make

6
00:00:23,349 --> 00:00:21,039
them happen is one of the fantastic

7
00:00:25,109 --> 00:00:23,359
things of human existence

8
00:00:26,630 --> 00:00:25,119
not only we've driven the rover we've

9
00:00:28,470 --> 00:00:26,640
moved its arm put it all through its

10
00:00:30,470 --> 00:00:28,480
paces but it's been in a thermal vacuum

11
00:00:32,630 --> 00:00:30,480
chamber and kept very cold

12
00:00:35,030 --> 00:00:32,640
parts of it have been a centrifuge

13
00:00:38,150 --> 00:00:35,040

we've done drop tests pull tests drive

14

00:00:39,830 --> 00:00:38,160

tests load tests stress tests

15

00:00:41,910 --> 00:00:39,840

just an amazing amount of testing this

16

00:00:43,510 --> 00:00:41,920

vehicle has gone through we've tried

17

00:00:45,670 --> 00:00:43,520

every way of operating at the vehicle

18

00:00:48,150 --> 00:00:45,680

using the software literally thousands

19

00:00:49,350 --> 00:00:48,160

and thousands of hours of software

20

00:00:52,229 --> 00:00:49,360

testing

21

00:00:54,869 --> 00:00:52,239

it's been just a an amazing several

22

00:00:56,790 --> 00:00:54,879

years really of constant testing and

23

00:00:58,310 --> 00:00:56,800

development finding problems fixing

24

00:00:59,430 --> 00:00:58,320

those problems and going on to the next

25

00:01:03,510 --> 00:00:59,440

problem

26

00:01:08,390 --> 00:01:06,710

lc this is the ld on channel one lc you

27

00:01:10,630 --> 00:01:08,400

have permission to launch

28

00:01:12,310 --> 00:01:10,640

roger proceeding with the count

29

00:01:13,109 --> 00:01:12,320

t-minus 10

30

00:01:16,160 --> 00:01:13,119

9

31

00:01:19,030 --> 00:01:17,910

[Applause]

32

00:01:19,990 --> 00:01:19,040

three

33

00:01:36,710 --> 00:01:20,000

two

34

00:01:39,910 --> 00:01:38,310

am i confident that she's going to go

35

00:01:41,350 --> 00:01:39,920

and she's going to be successful

36

00:01:47,830 --> 00:01:41,360

absolutely

37

00:01:53,190 --> 00:01:50,789

we should have crashed around 1.7

38

00:01:54,870 --> 00:01:53,200

the parachute is deployed

39

00:01:58,230 --> 00:01:54,880

we are decelerating

40

00:02:00,069 --> 00:01:58,240

[Applause]

41

00:02:04,230 --> 00:02:00,079

has separated on the ground

42

00:02:07,510 --> 00:02:05,910

we are in power flight for an altitude

43

00:02:09,109 --> 00:02:07,520

of one kilometer descending standing by

44

00:02:18,150 --> 00:02:09,119

for skycrane

45

00:02:18,160 --> 00:02:23,340

touchdown

46

00:02:41,910 --> 00:02:36,730

[Applause]

47

00:02:45,350 --> 00:02:41,920

what a fantastic demonstration of what

48

00:02:47,350 --> 00:02:45,360

our nation and our agency can do

49

00:02:49,589 --> 00:02:47,360

i could only think of the words of teddy

50

00:02:51,670 --> 00:02:49,599

roosevelt as i was sitting there

51
00:02:54,070 --> 00:02:51,680
it is far better to their mighty things

52
00:02:55,990 --> 00:02:54,080
even so we might fail

53
00:02:58,630 --> 00:02:56,000
than to stay in the twilight that knows

54
00:03:01,670 --> 00:02:58,640
neither victory nor defeat and the team

55
00:03:04,149 --> 00:03:01,680
brought us victory today

56
00:03:05,910 --> 00:03:04,159
today right now the wheels of curiosity

57
00:03:08,470 --> 00:03:05,920
have begun to blaze the trail for human

58
00:03:09,670 --> 00:03:08,480
footprints on mars this is an amazing

59
00:03:12,390 --> 00:03:09,680
achievement

60
00:03:14,550 --> 00:03:12,400
well today on mars history was made on

61
00:03:16,149 --> 00:03:14,560
earth the successful landing of

62
00:03:18,630 --> 00:03:16,159
curiosity

63
00:03:21,030 --> 00:03:18,640

marks what is really an unprecedented

64

00:03:24,070 --> 00:03:21,040

technological tour de force it will

65

00:03:26,710 --> 00:03:24,080

stand as an american point of pride far

66

00:03:28,949 --> 00:03:26,720

into the future we've got a long mission

67

00:03:30,710 --> 00:03:28,959

ahead of us and and because of that and

68

00:03:32,390 --> 00:03:30,720

the capabilities are over we have this

69

00:03:34,869 --> 00:03:32,400

possibility for just monumental science

70

00:03:36,470 --> 00:03:34,879

accomplishment

71

00:03:38,470 --> 00:03:36,480

within two months the team found an

72

00:03:40,470 --> 00:03:38,480

ancient riverbed evidence of flowing

73

00:03:43,030 --> 00:03:40,480

water we have found a habitable

74

00:03:45,350 --> 00:03:43,040

environment that is so benign and

75

00:03:47,430 --> 00:03:45,360

supportive of life that probably if this

76

00:03:48,869 --> 00:03:47,440

water was around and you had been on the