



1  
00:00:11,749 --> 00:00:08,440  
I've or we've gone for main engine start

2  
00:00:38,500 --> 00:00:11,759  
shuttle and the shuttle has cleared the

3  
00:00:42,009 --> 00:00:40,430  
the fact that I was going to be the

4  
00:00:46,189 --> 00:00:42,019  
first American woman to go into space

5  
00:00:50,389 --> 00:00:46,199  
carried huge expectations along with it

6  
00:00:52,220 --> 00:00:50,399  
it wasn't for me desire to be the first

7  
00:00:53,930 --> 00:00:52,230  
African American in space because I

8  
00:00:58,640 --> 00:00:53,940  
figured being the number two that would

9  
00:01:04,340 --> 00:01:00,800  
risk is something we have to just really

10  
00:01:06,530 --> 00:01:04,350  
consider as part of our life especially

11  
00:01:08,060 --> 00:01:06,540  
an exploration you know the ones that

12  
00:01:10,400 --> 00:01:08,070  
we've lost were probably the first ones

13  
00:01:16,490 --> 00:01:10,410

to tell you keep pressing on don't stop

14

00:01:22,120 --> 00:01:16,500

because of us Americans referred two

15

00:01:27,800 --> 00:01:25,760

discovery go forever release Hubble is

16

00:01:30,859 --> 00:01:27,810

one of the most phenomenal things we've

17

00:01:33,350 --> 00:01:30,869

ever done in space it really has changed

18

00:01:35,570 --> 00:01:33,360

and the data that we get from Hubble

19

00:01:38,090 --> 00:01:35,580

will continue to change the way we think

20

00:01:40,700 --> 00:01:38,100

about ourselves about the universe and

21

00:01:42,200 --> 00:01:40,710

our place in it NASA especially Goddard

22

00:01:44,960 --> 00:01:42,210

was the place where I could carry out

23

00:01:46,700 --> 00:01:44,970

the dreams that I had which were to push

24

00:01:48,620 --> 00:01:46,710

forward an experiment that would measure

25

00:01:51,350 --> 00:01:48,630

the Big Bang radiation better than

26  
00:01:53,359 --> 00:01:51,360  
anyone had ever tried before nowadays

27  
00:01:55,310 --> 00:01:53,369  
we're discovering what is the universe

28  
00:01:57,590 --> 00:01:55,320  
really like and it's totally magnificent

29  
00:02:00,320 --> 00:01:57,600  
one can only be inspired an awestruck by

30  
00:02:02,450 --> 00:02:00,330  
what we find instead alas we have

31  
00:02:04,340 --> 00:02:02,460  
capture while is extremely fortunate

32  
00:02:05,930 --> 00:02:04,350  
that I was able to be part of the

33  
00:02:07,520 --> 00:02:05,940  
shuttle-mir program it's a challenge for

34  
00:02:09,770 --> 00:02:07,530  
the Russians it was a challenge for the

35  
00:02:16,000 --> 00:02:09,780  
Americans but everybody wanted to work

36  
00:02:20,649 --> 00:02:18,880  
we have initial contact initial contact

37  
00:02:22,390 --> 00:02:20,659  
of the sleeves capsule with the

38  
00:02:25,270 --> 00:02:22,400

expedition one crew to the International

39

00:02:28,869 --> 00:02:25,280

Space Station we are on a true spaceship

40

00:02:32,589 --> 00:02:28,879

now making her way above or any earthly

41

00:02:35,949 --> 00:02:32,599

boundary spaceflight is one of the areas

42

00:02:38,170 --> 00:02:35,959

where we face risk on a daily basis and

43

00:02:39,789 --> 00:02:38,180

in the process of doing this we

44

00:02:42,520 --> 00:02:39,799

developed a new technologies new

45

00:02:46,119 --> 00:02:42,530

techniques the new inventions we make

46

00:02:48,610 --> 00:02:46,129

discovery liftoff of the Delta rock with

47

00:02:51,009 --> 00:02:48,620

opportunity a chance to explore and

48

00:02:52,869 --> 00:02:51,019

unlock the secrets of our neighboring

49

00:02:55,030 --> 00:02:52,879

planet when we look at other worlds and

50

00:02:57,099 --> 00:02:55,040

we look through the eyes of a robot at a

51  
00:02:58,690 --> 00:02:57,109  
frozen desert we appreciate our own

52  
00:03:04,390 --> 00:02:58,700  
world so much more because we see what

53  
00:03:06,369 --> 00:03:04,400  
it could be like when you arrived on the

54  
00:03:08,020 --> 00:03:06,379  
International Space Station there's a

55  
00:03:11,349 --> 00:03:08,030  
little bit of a shock factor but was

56  
00:03:13,390 --> 00:03:11,359  
like wow we're really here man this is

57  
00:03:15,940 --> 00:03:13,400  
gonna be a long visit we are overcoming

58  
00:03:18,460 --> 00:03:15,950  
these cultural obstacles and bringing

59  
00:03:20,199 --> 00:03:18,470  
these people together with this common

60  
00:03:22,839 --> 00:03:20,209  
goal I think is one of the most

61  
00:03:25,330 --> 00:03:22,849  
significant aspects of the International

62  
00:03:29,800 --> 00:03:25,340  
Space Station I believe that human

63  
00:03:32,819 --> 00:03:29,810

beings should expand into space by doing

64

00:03:35,650 --> 00:03:32,829

that we can learn about ourselves and

65

00:03:39,539 --> 00:03:35,660

make the society and the world the

66

00:03:43,659 --> 00:03:39,549

better you will give NASA new focus and

67

00:03:47,500 --> 00:03:43,669

vision for future exploration to gain a

68

00:03:50,319 --> 00:03:47,510

new foothold on the moon and to prepare

69

00:03:52,689 --> 00:03:50,329

for new journeys to the worlds beyond

70

00:03:55,599 --> 00:03:52,699

our own I'd like to see the mission to

71

00:03:57,490 --> 00:03:55,609

Mars they accomplished something I did

72

00:03:59,500 --> 00:03:57,500

some work on and making the proposed

73

00:04:01,990 --> 00:03:59,510

that we may I think there's a consensus

74

00:04:04,569 --> 00:04:02,000

that going to Mars is a worthy objective

75

00:04:06,520 --> 00:04:04,579

and I'd like to see that accomplished

76

00:04:09,369 --> 00:04:06,530

perhaps at one time in the distant past

77

00:04:11,289 --> 00:04:09,379

the at least some basic life-forms

78

00:04:13,390 --> 00:04:11,299

existed on Mars and perhaps could again

79

00:04:15,039 --> 00:04:13,400

in the future these things mean a lot to

80

00:04:16,569 --> 00:04:15,049

me I think space is important and I

81

00:04:18,819 --> 00:04:16,579

think America should continue to be in

82

00:04:21,879 --> 00:04:18,829

the forefront of space exploration we as

83

00:04:24,250 --> 00:04:21,889

a civilization must explore that's who

84

00:04:26,830 --> 00:04:24,260

we are intrinsically a to the human

85

00:04:28,730 --> 00:04:26,840

racers were explorers no matter where you

86

00:04:31,520 --> 00:04:28,740

go in the world

87

00:04:35,029 --> 00:04:31,530

people know what the letters in a sa

88

00:04:38,180 --> 00:04:35,039

stand for they say NASA and they say it

89

00:04:40,580 --> 00:04:38,190

with recognition that in of itself tells

90

00:04:42,589 --> 00:04:40,590

you that NASA stands for something in

91

00:04:46,219 --> 00:04:42,599

the world not just in America but across

92

00:04:48,499 --> 00:04:46,229

the world as we advance into the 21st

93

00:04:50,779 --> 00:04:48,509

century we have new goals that will

94

00:04:53,839 --> 00:04:50,789

challenge our abilities far beyond what

95

00:04:56,749 --> 00:04:53,849

we've experienced before will be a test

96

00:04:59,900 --> 00:04:56,759

of our scientific and technical vision

97

00:05:02,360 --> 00:04:59,910

it will be a test of our result but

98

00:05:05,020 --> 00:05:02,370

we've been there before and with the

99

00:05:08,320 --> 00:05:05,030

lessons of history in mind NASA will

100

00:05:10,850 --> 00:05:08,330

continue to pioneer new frontiers and

101

00:05:13,719 --> 00:05:10,860

explore for answers that power our