



1  
00:00:10,299 --> 00:00:08,980  
hi I'm astronaut Mike Massimino earlier

2  
00:00:11,820 --> 00:00:10,309  
this year I flew aboard space shuttle

3  
00:00:14,500 --> 00:00:11,830  
Atlantis to the Hubble Space Telescope

4  
00:00:16,299 --> 00:00:14,510  
my crewmates and I spent more than two

5  
00:00:18,130 --> 00:00:16,309  
years training for that mission and now

6  
00:00:19,689 --> 00:00:18,140  
another crew is getting ready to fly on

7  
00:00:22,089 --> 00:00:19,699  
Atlantis and they're going to the

8  
00:00:23,529 --> 00:00:22,099  
International Space Station they've been

9  
00:00:25,450 --> 00:00:23,539  
working hard to get ready for their

10  
00:00:27,009 --> 00:00:25,460  
flight and they've let us follow them

11  
00:00:29,259 --> 00:00:27,019  
around for the past few weeks with a

12  
00:00:30,970 --> 00:00:29,269  
camera we're about to show you some of

13  
00:00:33,790 --> 00:00:30,980

that footage and you're going to get an

14

00:00:35,470 --> 00:00:33,800

up-close view of the crew go inside

15

00:00:36,850 --> 00:00:35,480

their training and hear some of the

16

00:00:41,320 --> 00:00:36,860

stories from the astronauts and their

17

00:00:48,920 --> 00:00:41,330

team this is STS 129 behind the scenes

18

00:00:55,229 --> 00:00:52,740

an extra vehicular activity extra

19

00:00:58,290 --> 00:00:55,239

outside the dip so ETA that's what we're

20

00:01:00,780 --> 00:00:58,300

perfect Mara anyway so these guys

21

00:01:03,090 --> 00:01:00,790

they're the three space walkers on our

22

00:01:06,810 --> 00:01:03,100

mission I am there what's called the

23

00:01:09,690 --> 00:01:06,820

suit IV as you say that helps what's

24

00:01:12,000 --> 00:01:09,700

this IV me I talked about EV a now what

25

00:01:14,190 --> 00:01:12,010

is this idea of vehicular okay inside

26

00:01:16,890 --> 00:01:14,200

the big alright so when it comes to the

27

00:01:18,600 --> 00:01:16,900

suits inside the vehicle I'm the guy

28

00:01:20,040 --> 00:01:18,610

that basically I'm the guy that helps

29

00:01:22,260 --> 00:01:20,050

him get everything ready I'm the guy

30

00:01:24,270 --> 00:01:22,270

that suits them up along with I think

31

00:01:26,310 --> 00:01:24,280

nicole stott is another suit IV for this

32

00:01:27,540 --> 00:01:26,320

mission she's on basically yeah she's

33

00:01:29,400 --> 00:01:27,550

already there did you really helped me

34

00:01:30,570 --> 00:01:29,410

out cuz she's eres he's there you should

35

00:01:33,240 --> 00:01:30,580

know what's going on where they hide

36

00:01:35,790 --> 00:01:33,250

stuff nothing so this is the fifth or

37

00:01:39,450 --> 00:01:35,800

sixth all day session we've had with

38

00:01:42,410 --> 00:01:39,460

this repin post where we are again going

39

00:01:44,340 --> 00:01:42,420

through the processes the steps of the

40

00:01:46,410 --> 00:01:44,350

procedures to make sure we get

41

00:01:47,850 --> 00:01:46,420

everything in line check it up so when

42

00:01:49,499 --> 00:01:47,860

these guys go out the door everything's

43

00:01:51,029 --> 00:01:49,509

hooked up right everything's connected

44

00:01:53,279 --> 00:01:51,039

all the systems in their suits work

45

00:01:54,570 --> 00:01:53,289

right and so that's what we're doing

46

00:01:56,070 --> 00:01:54,580

today how big thing about this they're

47

00:01:58,980 --> 00:01:56,080

going to be locked inside of that space

48

00:02:00,809 --> 00:01:58,990

suit the EVs are playing the spacewalks

49

00:02:02,460 --> 00:02:00,819

are paying for what 6am powers right in

50

00:02:04,130 --> 00:02:02,470

half seven okay that's it that's the

51  
00:02:06,870 --> 00:02:04,140  
time for me put the battery power on

52  
00:02:09,270 --> 00:02:06,880  
until I may come in and close the hatch

53  
00:02:11,190 --> 00:02:09,280  
exactly or less but they're in the suit

54  
00:02:12,600 --> 00:02:11,200  
a lot longer and as you have to do a pre

55  
00:02:14,490 --> 00:02:12,610  
bridge so they're in the shoe probably

56  
00:02:16,949 --> 00:02:14,500  
for about eight hours or so at least

57  
00:02:19,620 --> 00:02:16,959  
eight to nine eight and if they're

58  
00:02:21,270 --> 00:02:19,630  
normal transit and if the spacewalk runs

59  
00:02:23,490 --> 00:02:21,280  
long like sometimes a spacewalk goes

60  
00:02:25,350 --> 00:02:23,500  
seven eight hours even right to get you

61  
00:02:27,870 --> 00:02:25,360  
know you might be in that suit for like

62  
00:02:30,210 --> 00:02:27,880  
nine or ten hour or so there's nothing

63  
00:02:32,040 --> 00:02:30,220

to eat inside of it got a little 32

64

00:02:33,690 --> 00:02:32,050

ounces of water and the bag is kind of

65

00:02:35,430 --> 00:02:33,700

flattened around their chest right for

66

00:02:36,630 --> 00:02:35,440

the hose it comes up if they can of

67

00:02:38,160 --> 00:02:36,640

course they can't grab it with our hands

68

00:02:40,199 --> 00:02:38,170

over mouth because their hands are not

69

00:02:43,199 --> 00:02:40,209

inside their suit right so they can grab

70

00:02:45,059 --> 00:02:43,209

the tube stuck on NASA 32 ounces of

71

00:02:46,199 --> 00:02:45,069

water for eight to ten hours you're

72

00:02:48,119 --> 00:02:46,209

gonna probably practice getting out

73

00:02:51,900 --> 00:02:48,129

inside the bag yes exactly and the other

74

00:02:53,430 --> 00:02:51,910

thing is is that sort of no snacks so

75

00:02:55,740 --> 00:02:53,440

they have to know they want to use the

76

00:02:57,420 --> 00:02:55,750

potty and eat and get it already but

77

00:02:59,070 --> 00:02:57,430

anything is this comfort inside of that

78

00:03:00,300 --> 00:02:59,080

suit or so probably I bet what these

79

00:03:01,130 --> 00:03:00,310

guys have that you're gonna have to pay

80

00:03:03,200 --> 00:03:01,140

attention to

81

00:03:04,940 --> 00:03:03,210

is trying to make them as comfortable as

82

00:03:08,270 --> 00:03:04,950

possible before you lock him in aerie

83

00:03:09,890 --> 00:03:08,280

turn so it's like little pads and no no

84

00:03:12,680 --> 00:03:09,900

whatever they meet goals you know let's

85

00:03:13,900 --> 00:03:12,690

didn't work out price snap this and some

86

00:03:18,530 --> 00:03:13,910

of these guys may have like little

87

00:03:21,199 --> 00:03:18,540

things like for me the earpads in the

88

00:03:24,350 --> 00:03:21,209

comm cap yeah would fold my ear down if

89

00:03:26,690 --> 00:03:24,360

I left my oh yeah it's terrible right so

90

00:03:28,670 --> 00:03:26,700

I would move those things down it's