



1  
00:00:04,309 --> 00:00:02,550  
the teams here on the ground obviously

2  
00:00:06,389 --> 00:00:04,319  
as mentioned are

3  
00:00:08,870 --> 00:00:06,399  
with one eye on the activities aboard

4  
00:00:10,709 --> 00:00:08,880  
the space station is also following

5  
00:00:13,110 --> 00:00:10,719  
along with the countdown activities in

6  
00:00:14,789 --> 00:00:13,120  
baikonur among the three crew members

7  
00:00:17,349 --> 00:00:14,799  
headed to the international space

8  
00:00:19,349 --> 00:00:17,359  
station is barry wilmore who has flown

9  
00:00:21,550 --> 00:00:19,359  
previously in space on a shuttle flight

10  
00:00:25,910 --> 00:00:21,560  
an 11 day mission the

11  
00:00:28,150 --> 00:00:25,920  
sts-2129 mission of atlantis he uh

12  
00:00:30,150 --> 00:00:28,160  
is part of the three-member crew that's

13  
00:00:31,830 --> 00:00:30,160

headed to the station this afternoon and

14

00:00:33,750 --> 00:00:31,840

evening

15

00:00:35,990 --> 00:00:33,760

during the crew's traditional trip to

16

00:00:39,270 --> 00:00:36,000

red square before the three actually

17

00:00:42,310 --> 00:00:39,280

left moscow for baikonur we actually had

18

00:00:44,869 --> 00:00:42,320

a few minutes to talk to barry about his

19

00:00:46,630 --> 00:00:44,879

impending trip to space and asked him

20

00:00:48,150 --> 00:00:46,640

what it has been like to train for this

21

00:00:50,709 --> 00:00:48,160

journey to the international space

22

00:00:54,549 --> 00:00:52,389

oh this experience it's been it's been a

23

00:00:56,470 --> 00:00:54,559

long training flow two and a half years

24

00:00:59,349 --> 00:00:56,480

and experience actually has been

25

00:01:00,869 --> 00:00:59,359

wonderful because the main thing i think

26

00:01:02,790 --> 00:01:00,879

i guess the most

27

00:01:04,869 --> 00:01:02,800

the most exciting most beneficial part

28

00:01:07,830 --> 00:01:04,879

for me personally is there are many

29

00:01:10,469 --> 00:01:07,840

individuals around the globe that put

30

00:01:12,390 --> 00:01:10,479

their passion into human space flight

31

00:01:13,990 --> 00:01:12,400

and when you have an exam like we had

32

00:01:15,830 --> 00:01:14,000

the last two days

33

00:01:18,950 --> 00:01:15,840

we've also had tests and whatnot in

34

00:01:20,630 --> 00:01:18,960

other locations in jackson japan and at

35

00:01:22,950 --> 00:01:20,640

uh um in

36

00:01:25,030 --> 00:01:22,960

cologne there with the european space

37

00:01:27,030 --> 00:01:25,040

agency and we have exams and tests

38

00:01:28,310 --> 00:01:27,040

evaluation of how you've done and you

39

00:01:29,910 --> 00:01:28,320

come through and you see the look on

40

00:01:31,590 --> 00:01:29,920

those instructors faces

41

00:01:33,749 --> 00:01:31,600

that they've done their part they've

42

00:01:35,590 --> 00:01:33,759

gotten the crew ready and that's that's

43

00:01:37,510 --> 00:01:35,600

a wonderful benefit for us to see that

44

00:01:39,030 --> 00:01:37,520

and experience that and see see that in

45

00:01:43,190 --> 00:01:39,040

their faces so that's that's a special

46

00:01:47,990 --> 00:01:46,469

the day of launch is is quite a long day

47

00:01:50,389 --> 00:01:48,000

there's much preparation physical

48

00:01:52,630 --> 00:01:50,399

preparation for launch getting the the

49

00:01:54,550 --> 00:01:52,640

suit on there's pressure checks involved

50

00:01:56,069 --> 00:01:54,560

there's there's uh reporting to the

51  
00:01:57,749 --> 00:01:56,079  
commission that's going to the vehicle

52  
00:01:59,429 --> 00:01:57,759  
going to the rocket there's laying on

53  
00:02:00,870 --> 00:01:59,439  
your back for two and a half hours in a

54  
00:02:02,550 --> 00:02:00,880  
somewhat uncomfortable position it's

55  
00:02:04,870 --> 00:02:02,560  
just you know it's just the way it is

56  
00:02:07,749 --> 00:02:04,880  
for for for all space vehicles including

57  
00:02:09,830 --> 00:02:07,759  
this one and then of course the launch

58  
00:02:11,750 --> 00:02:09,840  
six hours after launch we finally run to

59  
00:02:13,350 --> 00:02:11,760  
buda station so that's about you know

60  
00:02:14,630 --> 00:02:13,360  
all together before you actually from

61  
00:02:17,670 --> 00:02:14,640  
the time you get up until you go to bed

62  
00:02:19,670 --> 00:02:17,680  
that's almost a full 24 hours so it's a

63  
00:02:21,910 --> 00:02:19,680

it's quite taxing obviously physically

64

00:02:23,110 --> 00:02:21,920

but think of the environment you're in

65

00:02:27,589 --> 00:02:23,120

and uh

66

00:02:31,910 --> 00:02:29,430

the station exists

67

00:02:33,670 --> 00:02:31,920

for the benefit of mankind and

68

00:02:35,589 --> 00:02:33,680

everything we do

69

00:02:37,110 --> 00:02:35,599

the systems that we work on the systems

70

00:02:39,670 --> 00:02:37,120

that have been designed going back you

71

00:02:41,990 --> 00:02:39,680

know 20 years ago the inception of the

72

00:02:44,470 --> 00:02:42,000

station and the systems we work on now

73

00:02:46,790 --> 00:02:44,480

are part of the program as we go forward

74

00:02:49,670 --> 00:02:46,800

i know at my house i have an on-demand

75

00:02:51,350 --> 00:02:49,680

water heater that came from nasa

76  
00:02:53,270 --> 00:02:51,360  
technology and we have on-demand water

77  
00:02:55,110 --> 00:02:53,280  
heaters on station so you know it's

78  
00:02:56,949 --> 00:02:55,120  
beneficial to mankind now and certainly

79  
00:02:58,790 --> 00:02:56,959  
we're looking to the future

80  
00:03:01,190 --> 00:02:58,800  
much of our science is involved about

81  
00:03:02,949 --> 00:03:01,200  
will we go beyond or beyond low-earth

82  
00:03:04,390 --> 00:03:02,959  
orbit and when we go beyond low-earth

83  
00:03:06,309 --> 00:03:04,400  
orbit there's a lot we need to know and

84  
00:03:08,790 --> 00:03:06,319  
understand so much of our science is

85  
00:03:10,550 --> 00:03:08,800  
physical science uh for the the

86  
00:03:12,710 --> 00:03:10,560  
individuals themselves and how we cope

87  
00:03:14,710 --> 00:03:12,720  
with long-duration weightlessness and

88  
00:03:17,509 --> 00:03:14,720

also the systems that will take us to

89

00:03:19,110 --> 00:03:17,519

those far destinations

90

00:03:20,949 --> 00:03:19,120

it's it's big picture it's it's