



1
00:00:04,309 --> 00:00:01,910
my name is tom marshburn i'm the pilot

2
00:00:06,389 --> 00:00:04,319
of nasa's spacex crew 3 mission to the

3
00:00:08,549 --> 00:00:06,399
international space station not quite

4
00:00:10,790 --> 00:00:08,559
sure why spaceflight grabbed me the way

5
00:00:12,870 --> 00:00:10,800
it did it found me really

6
00:00:14,470 --> 00:00:12,880
more than me deciding to become

7
00:00:16,550 --> 00:00:14,480
fascinated with it

8
00:00:19,189 --> 00:00:16,560
there's something about leaving

9
00:00:21,750 --> 00:00:19,199
everything we know behind everything not

10
00:00:23,269 --> 00:00:21,760
just our friends or family or home but

11
00:00:25,269 --> 00:00:23,279
even the planet

12
00:00:27,349 --> 00:00:25,279
going to places that we knew almost

13
00:00:28,870 --> 00:00:27,359

nothing about at the time i was reading

14

00:00:31,109 --> 00:00:28,880

about it

15

00:00:33,510 --> 00:00:31,119

and understanding how somebody could

16

00:00:35,670 --> 00:00:33,520

change so it was almost like going up

17

00:00:37,990 --> 00:00:35,680

into heaven or something and coming back

18

00:00:39,510 --> 00:00:38,000

that was just infinitely fascinating to

19

00:00:42,389 --> 00:00:39,520

me

20

00:00:44,069 --> 00:00:42,399

i have three brothers and three sisters

21

00:00:45,990 --> 00:00:44,079

five of them had decided to become

22

00:00:47,510 --> 00:00:46,000

doctors so the one thing i knew i was

23

00:00:49,510 --> 00:00:47,520

never going to be was a doctor because i

24

00:00:51,270 --> 00:00:49,520

didn't want to be just like them

25

00:00:53,590 --> 00:00:51,280

but while i was in graduate school in

26

00:00:55,189 --> 00:00:53,600

engineering physics i realized that

27

00:00:57,350 --> 00:00:55,199

everybody was hanging out with everybody

28

00:00:59,990 --> 00:00:57,360

i enjoyed being with were either medical

29

00:01:02,389 --> 00:01:00,000

students or doctors maybe medicine

30

00:01:04,869 --> 00:01:02,399

something for me and turned out i loved

31

00:01:07,190 --> 00:01:04,879

it got so immersed with it that i

32

00:01:09,590 --> 00:01:07,200

actually forgot about space for a few

33

00:01:11,590 --> 00:01:09,600

years began to practice after that in

34

00:01:13,030 --> 00:01:11,600

toledo ohio where they had a life flight

35

00:01:14,950 --> 00:01:13,040

program and that's where i did my

36

00:01:16,390 --> 00:01:14,960

residency for emergency medicine i

37

00:01:18,149 --> 00:01:16,400

wanted to fly

38

00:01:19,510 --> 00:01:18,159

and so i applied for the first class of

39

00:01:23,350 --> 00:01:19,520

what was then the space medicine

40

00:01:25,749 --> 00:01:23,360

fellowship and in 93 i showed up at nasa

41

00:01:26,390 --> 00:01:25,759

i was all starry-eyed excited and ready

42

00:01:28,230 --> 00:01:26,400

to

43

00:01:30,149 --> 00:01:28,240

start learning about space medicine i

44

00:01:31,910 --> 00:01:30,159

got to know the patients i got to know

45

00:01:33,749 --> 00:01:31,920

the astronauts and the pilots that i

46

00:01:35,510 --> 00:01:33,759

would be working with later and that was

47

00:01:37,830 --> 00:01:35,520

enormous amount of fun one of my first

48

00:01:39,990 --> 00:01:37,840

jobs then as a flight surgeon was to get

49

00:01:41,670 --> 00:01:40,000

shipped out to russia to support the

50

00:01:43,749 --> 00:01:41,680

phase one program which is when we took

51
00:01:45,830 --> 00:01:43,759
nasa astronauts put them on the mir

52
00:01:47,749 --> 00:01:45,840
space station so that we could learn

53
00:01:49,510 --> 00:01:47,759
about long-duration space flight before

54
00:01:51,590 --> 00:01:49,520
we started sending astronauts to the

55
00:01:52,789 --> 00:01:51,600
international space station

56
00:01:54,310 --> 00:01:52,799
there's something about working at

57
00:01:56,709 --> 00:01:54,320
johnson space center i think that if

58
00:01:58,870 --> 00:01:56,719
anybody had ever considered flying in

59
00:02:00,709 --> 00:01:58,880
space or wanting to when you show up and

60
00:02:02,630 --> 00:02:00,719
you see the incredible things that

61
00:02:05,030 --> 00:02:02,640
everybody is doing it's hard not to get

62
00:02:07,510 --> 00:02:05,040
the bug to want to apply and become an

63
00:02:13,430 --> 00:02:10,070

so i did three space walks and supported

64

00:02:16,470 --> 00:02:13,440

a fourth as the inside crew member the

65

00:02:19,030 --> 00:02:16,480

main goal for us was to take these

66

00:02:21,190 --> 00:02:19,040

batteries each weighing about 200 250

67

00:02:22,710 --> 00:02:21,200

pounds and move them from the robotic

68

00:02:24,229 --> 00:02:22,720

arm that was holding them from the space

69

00:02:26,390 --> 00:02:24,239

shuttle and moved them on to the space

70

00:02:28,150 --> 00:02:26,400

station this had not been done before so

71

00:02:29,830 --> 00:02:28,160

they're very thrilling

72

00:02:31,190 --> 00:02:29,840

the long duration mission is quite a bit

73

00:02:33,350 --> 00:02:31,200

different from the shuttle mission you

74

00:02:37,030 --> 00:02:33,360

really feel like you've become a

75

00:02:38,309 --> 00:02:37,040

resident of space a resident of zero g

76

00:02:41,910 --> 00:02:38,319

and you start to feel like you're

77

00:02:43,670 --> 00:02:41,920

getting an idea of how this works

78

00:02:45,110 --> 00:02:43,680

i'm looking forward more to flying with

79

00:02:47,190 --> 00:02:45,120

three people that haven't flown in space

80

00:02:49,830 --> 00:02:47,200

before this is a very unique crew they

81

00:02:52,390 --> 00:02:49,840

are incredibly operationally savvy

82

00:02:55,509 --> 00:02:52,400

already those i imagine from their prior

83

00:02:57,030 --> 00:02:55,519

jobs at esa and in the military i know

84

00:02:57,990 --> 00:02:57,040

they can do the job there's no question

85

00:02:59,190 --> 00:02:58,000

about that

86

00:03:01,030 --> 00:02:59,200

[Music]

87

00:03:03,350 --> 00:03:01,040

one of the great legacies of the space

88

00:03:05,350 --> 00:03:03,360

station is not just going to be

89

00:03:08,229 --> 00:03:05,360

science but very importantly the

90

00:03:10,790 --> 00:03:08,239

international cooperation it's not for

91

00:03:12,949 --> 00:03:10,800

survival it's not for competition in the

92

00:03:15,430 --> 00:03:12,959

marketplace it is for

93

00:03:18,229 --> 00:03:15,440

just exploration and it's just a vibrant

94

00:03:20,800 --> 00:03:18,239

wonderful place where great science is