



Astronaut

at a Glance

1
00:00:11,990 --> 00:00:09,669
so i started looking at the service

2
00:00:13,910 --> 00:00:12,000
academies and the naval academy had

3
00:00:15,669 --> 00:00:13,920
obviously a great program at

4
00:00:18,550 --> 00:00:15,679
academically speaking and military

5
00:00:20,310 --> 00:00:18,560
opportunities after that but they also

6
00:00:21,830 --> 00:00:20,320
had a great soccer program for women as

7
00:00:23,910 --> 00:00:21,840
well so i decided to go to the naval

8
00:00:25,670 --> 00:00:23,920
academy for those reasons and really

9
00:00:27,750 --> 00:00:25,680
ended up loving it there and loving the

10
00:00:29,589 --> 00:00:27,760
military so during my time there i

11
00:00:31,509 --> 00:00:29,599
majored in mechanical engineering and

12
00:00:33,510 --> 00:00:31,519
then after graduation i had a great

13
00:00:35,430 --> 00:00:33,520

opportunity to go to graduate school

14

00:00:37,830 --> 00:00:35,440

immediately upon graduation so i went to

15

00:00:39,510 --> 00:00:37,840

stanford university to get a master's in

16

00:00:41,270 --> 00:00:39,520

mechanical engineering and then after

17

00:00:43,830 --> 00:00:41,280

that i continued on with my military

18

00:00:46,150 --> 00:00:43,840

training in in one week i may be doing

19

00:00:48,790 --> 00:00:46,160

spacewalk training and so i'm in the mbl

20

00:00:50,709 --> 00:00:48,800

in a spacesuit or i'm in the in the nbl

21

00:00:52,950 --> 00:00:50,719

scuba because i'm preparing for a

22

00:00:55,590 --> 00:00:52,960

spacewalk and then a couple days later

23

00:00:57,350 --> 00:00:55,600

i'm in the t-38 doing training with some

24

00:00:59,349 --> 00:00:57,360

other astronauts and we're and we're

25

00:01:01,110 --> 00:00:59,359

flying in the t-38 there's a lot of

26
00:01:02,709 --> 00:01:01,120
academics involved in learning the space

27
00:01:04,310 --> 00:01:02,719
station all the different systems i'm

28
00:01:05,830 --> 00:01:04,320
also learning to speak russian which is

29
00:01:08,070 --> 00:01:05,840
something i never thought i'd have an

30
00:01:09,910 --> 00:01:08,080
opportunity to do so it's a lot of fun i

31
00:01:12,310 --> 00:01:09,920
think so far definitely the training in

32
00:01:14,390 --> 00:01:12,320
the mbl for me has been the most

33
00:01:16,789 --> 00:01:14,400
enjoyable for a couple residents one

34
00:01:18,550 --> 00:01:16,799
it's really really hard it's more

35
00:01:20,310 --> 00:01:18,560
difficult than i thought it would be and

36
00:01:21,429 --> 00:01:20,320
so there's a whole mental preparation

37
00:01:23,270 --> 00:01:21,439
side to that but there's a whole

38
00:01:25,350 --> 00:01:23,280

physical preparation side to that as

39

00:01:27,670 --> 00:01:25,360

well and that's really directly you know

40

00:01:30,230 --> 00:01:27,680

translatable to going into space and

41

00:01:31,830 --> 00:01:30,240

doing a spacewalk or an eva in space and

42

00:01:33,429 --> 00:01:31,840

so that's kind of the closest training i

43

00:01:35,270 --> 00:01:33,439

think that we get to something that we

44

00:01:36,870 --> 00:01:35,280

would be doing on orbit and and by

45

00:01:39,590 --> 00:01:36,880

exploring and learning new things we

46

00:01:41,590 --> 00:01:39,600

learn more not just about space and and

47

00:01:43,190 --> 00:01:41,600

how the universe was created and what

48

00:01:45,030 --> 00:01:43,200

our resources are and where we could go

49

00:01:47,270 --> 00:01:45,040

but we also can look back and learn more

50

00:01:48,710 --> 00:01:47,280

about earth and about the place that we

51
00:01:51,590 --> 00:01:48,720
live in now and how it's important to

52
00:01:53,190 --> 00:01:51,600
take care of earth and so by exploring

53
00:01:54,710 --> 00:01:53,200
not only do we get to look forward but

54
00:01:57,190 --> 00:01:54,720
we also can look back and make sure that

55
00:01:58,789 --> 00:01:57,200
we're taking care of earth now so some

56
00:02:00,469 --> 00:01:58,799
of our initial training is we got to

57
00:02:02,950 --> 00:02:00,479
experience microgravity by getting a

58
00:02:04,709 --> 00:02:02,960
ride in the vomit comet as they call it

59
00:02:06,469 --> 00:02:04,719
and it's a big aircraft that will fly

60
00:02:09,029 --> 00:02:06,479
parabolas so you can experience it's

61
00:02:10,949 --> 00:02:09,039
about 40 seconds so free fall of zero g

62
00:02:12,630 --> 00:02:10,959
and so i was really excited about this

63
00:02:13,830 --> 00:02:12,640

i'd heard about it you know for for many

64

00:02:15,750 --> 00:02:13,840

years and so i was really excited to get

65

00:02:16,790 --> 00:02:15,760

this opportunity i thought it was going

66

00:02:18,470 --> 00:02:16,800

to be

67

00:02:20,630 --> 00:02:18,480

really calm you know kind of like being

68

00:02:22,790 --> 00:02:20,640

underwater i'm going to mean zero g it's

69

00:02:25,510 --> 00:02:22,800

going to be very peaceful and great and

70

00:02:26,869 --> 00:02:25,520

it was great but when they get the top