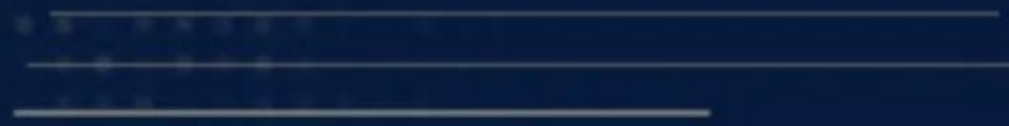




Astronaut

at a Glance



1
00:00:09,750 --> 00:00:07,349
really it all started when i was very

2
00:00:12,470 --> 00:00:09,760
very young and watched the u.s land on

3
00:00:14,310 --> 00:00:12,480
the moon for the first time and so i was

4
00:00:16,870 --> 00:00:14,320
always interested in being part of it

5
00:00:19,510 --> 00:00:16,880
and then ultimately being an astronaut

6
00:00:21,349 --> 00:00:19,520
to me means being an explorer

7
00:00:22,630 --> 00:00:21,359
to explore the universe so i thought you

8
00:00:23,990 --> 00:00:22,640
know being a physicist wanting to

9
00:00:25,910 --> 00:00:24,000
understand the universe and then being

10
00:00:27,910 --> 00:00:25,920
an explorer to go out and and see it

11
00:00:30,870 --> 00:00:27,920
firsthand was was what i really wanted

12
00:00:33,270 --> 00:00:30,880
to do well i went to rice university in

13
00:00:35,990 --> 00:00:33,280

houston for college

14

00:00:37,830 --> 00:00:36,000

i chose ice university because i wanted

15

00:00:39,670 --> 00:00:37,840

to go to a school that was good in

16

00:00:41,750 --> 00:00:39,680

science and engineering i wasn't exactly

17

00:00:43,350 --> 00:00:41,760

sure what i wanted to study but i knew

18

00:00:45,029 --> 00:00:43,360

it was in that general

19

00:00:46,630 --> 00:00:45,039

area somewhere

20

00:00:48,709 --> 00:00:46,640

and i wanted to go to a smaller school i

21

00:00:50,869 --> 00:00:48,719

wasn't really enamored by the larger

22

00:00:53,750 --> 00:00:50,879

schools that we have in texas i was

23

00:00:55,990 --> 00:00:53,760

extremely fortunate that i was hired on

24

00:00:57,430 --> 00:00:56,000

to work at the johnson space center

25

00:00:59,750 --> 00:00:57,440

right out of undergraduate school so i

26

00:01:01,590 --> 00:00:59,760

was hired by a contractor at that time

27

00:01:04,630 --> 00:01:01,600

it was the rockwell space operations

28

00:01:06,149 --> 00:01:04,640

corporation that had the contract to do

29

00:01:08,390 --> 00:01:06,159

the work in the mission control center

30

00:01:09,990 --> 00:01:08,400

so i was hired as a flight controller

31

00:01:13,190 --> 00:01:10,000

so i did that for a number of years and

32

00:01:15,190 --> 00:01:13,200

at that point um after about three years

33

00:01:16,870 --> 00:01:15,200

i decided i wanted to further my

34

00:01:18,469 --> 00:01:16,880

education i only had my undergraduate

35

00:01:21,350 --> 00:01:18,479

degree at that point so that's when i

36

00:01:23,749 --> 00:01:21,360

went back to rice and got my masters and

37

00:01:25,910 --> 00:01:23,759

phd in space physics to sort of get a

38

00:01:27,590 --> 00:01:25,920

little bit off this planet understand

39

00:01:29,190 --> 00:01:27,600

some of the solar system i did a number

40

00:01:31,590 --> 00:01:29,200

of other things too along the way before

41

00:01:33,990 --> 00:01:31,600

i became an astronaut at one point i was

42

00:01:35,670 --> 00:01:34,000

asked to do avionics integration with

43

00:01:37,590 --> 00:01:35,680

our russian partners which was really

44

00:01:39,190 --> 00:01:37,600

interesting experience as an astronaut

45

00:01:40,710 --> 00:01:39,200

has been absolutely fantastic i've been

46

00:01:42,710 --> 00:01:40,720

able to do

47

00:01:45,190 --> 00:01:42,720

so many things that are just so exciting

48

00:01:49,190 --> 00:01:47,270

i spent six months on this nearly six

49

00:01:50,789 --> 00:01:49,200

months on the space station

50

00:01:52,950 --> 00:01:50,799

living and working there which was a

51
00:01:55,429 --> 00:01:52,960
fantastic experience

52
00:01:57,030 --> 00:01:55,439
leading up to that when by the time i

53
00:01:58,950 --> 00:01:57,040
flew we were winding down our shuttle

54
00:02:01,830 --> 00:01:58,960
program and so i actually flew

55
00:02:03,749 --> 00:02:01,840
on uh the soyuz rocket with the russians

56
00:02:05,190 --> 00:02:03,759
what was very exciting to me about that

57
00:02:07,590 --> 00:02:05,200
is that i was actually trained as the

58
00:02:10,070 --> 00:02:07,600
co-pilot on on the soyuz i was fully

59
00:02:11,510 --> 00:02:10,080
trained just like the commander to do

60
00:02:13,589 --> 00:02:11,520
everything that needed to be done for

61
00:02:14,790 --> 00:02:13,599
launch rendezvous docking undocking we

62
00:02:16,790 --> 00:02:14,800
actually

63
00:02:18,229 --> 00:02:16,800

relocated our soyuz so we briefly

64

00:02:19,750 --> 00:02:18,239

undocked from the station and went on to

65

00:02:21,990 --> 00:02:19,760

another docking port and re-docked and

66

00:02:25,110 --> 00:02:22,000

so i was trained in all of that

67

00:02:27,190 --> 00:02:25,120

which was which was really neat because

68

00:02:30,390 --> 00:02:27,200

i'm just a little physicist

69

00:02:31,750 --> 00:02:30,400

a nasa astronaut and being able to

70

00:02:35,350 --> 00:02:31,760

learn how to

71

00:02:37,350 --> 00:02:35,360

and being expected to know how to fly

72

00:02:39,110 --> 00:02:37,360

an international partner vehicle is is

73

00:02:41,670 --> 00:02:39,120

quite something i think and having to do