



Sensory Overload

ASTRONAUT

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1
00:00:14,549 --> 00:00:12,150

[Music]

2
00:00:16,070 --> 00:00:14,559

what about doing a space walk do you

3
00:00:18,870 --> 00:00:16,080

think would be the most surprising for

4
00:00:21,189 --> 00:00:18,880

people to hear about like what

5
00:00:23,109 --> 00:00:21,199

do you think is

6
00:00:24,950 --> 00:00:23,119

the most interesting aspect of it that

7
00:00:26,550 --> 00:00:24,960

maybe isn't just

8
00:00:27,830 --> 00:00:26,560

well obviously you're outside in space

9
00:00:29,269 --> 00:00:27,840

yeah yeah

10
00:00:30,950 --> 00:00:29,279

there's so many

11
00:00:33,990 --> 00:00:30,960

really fascinating things about doing a

12
00:00:36,389 --> 00:00:34,000

spacewalk it is entirely your sensory

13
00:00:39,030 --> 00:00:36,399

overload it's it is every sensation that

14
00:00:41,510 --> 00:00:39,040
you have as a human being wrapped up in

15
00:00:43,350 --> 00:00:41,520
six hours first of all as just to take

16
00:00:44,950 --> 00:00:43,360
you through like getting out the door as

17
00:00:46,310 --> 00:00:44,960
you're getting up suited up it's like

18
00:00:49,110 --> 00:00:46,320
this is something professionally that

19
00:00:51,029 --> 00:00:49,120
you've looked forward to for a long time

20
00:00:53,029 --> 00:00:51,039
and practiced you know it's it's not

21
00:00:54,630 --> 00:00:53,039
going to be easy you're super focused

22
00:00:57,189 --> 00:00:54,640
you've studied so you're you know you're

23
00:00:59,270 --> 00:00:57,199
on the top of your game and you go out

24
00:01:01,110 --> 00:00:59,280
the door and move your way over to where

25
00:01:02,790 --> 00:01:01,120
you're supposed to go to work and then

26
00:01:04,549 --> 00:01:02,800
the sun starts to come up and you see

27
00:01:06,230 --> 00:01:04,559
the planet right below you i mean you

28
00:01:08,390 --> 00:01:06,240
have total control of that of where

29
00:01:10,149 --> 00:01:08,400
you're where you're looking and it's a

30
00:01:11,830 --> 00:01:10,159
little shocking and somewhat a little

31
00:01:13,830 --> 00:01:11,840
scary makes you sort of hold on a little

32
00:01:16,149 --> 00:01:13,840
bit for a second but double check your

33
00:01:18,550 --> 00:01:16,159
tethers make sure you're okay okay my

34
00:01:20,469 --> 00:01:18,560
heart beat what just went down i'm okay

35
00:01:22,630 --> 00:01:20,479
now the sun's up so i'm getting a little

36
00:01:24,390 --> 00:01:22,640
bit hot because i'm working real

37
00:01:26,950 --> 00:01:24,400
a whole lot and then the sun starts to

38
00:01:28,710 --> 00:01:26,960

go down 45 minutes later oh man now i'm

39

00:01:31,030 --> 00:01:28,720

getting super cold

40

00:01:32,789 --> 00:01:31,040

and i'm starting to get hungry because

41

00:01:33,749 --> 00:01:32,799

i'm out there for a couple hours in the

42

00:01:35,270 --> 00:01:33,759

middle of it you're having a

43

00:01:37,030 --> 00:01:35,280

conversation with the folks on the

44

00:01:39,590 --> 00:01:37,040

ground so it's tying you right back to

45

00:01:42,149 --> 00:01:39,600

earth on my first spacewalk we're up

46

00:01:43,910 --> 00:01:42,159

hanging out at the solar ray and we

47

00:01:46,069 --> 00:01:43,920

happened to fly over canada and the

48

00:01:49,510 --> 00:01:46,079

northern lights were below you it's like

49

00:01:51,350 --> 00:01:49,520

holy moly that's that's amazing that was

50

00:01:53,510 --> 00:01:51,360

compelling left an impact on me because

51
00:01:55,350 --> 00:01:53,520
it it reminded me that there's so much

52
00:01:57,749 --> 00:01:55,360
out there in space that's going on that

53
00:01:58,870 --> 00:01:57,759
we have absolutely no control of you

54
00:02:01,190 --> 00:01:58,880
know probably in those northern lights

55
00:02:03,270 --> 00:02:01,200
my background is as a scientist but i'm

56
00:02:06,230 --> 00:02:03,280
sure that it started from some type of

57
00:02:08,070 --> 00:02:06,240
solar flare and then the magnetic field

58
00:02:10,070 --> 00:02:08,080
of the earth gets activated is that

59
00:02:11,510 --> 00:02:10,080
particles come toward the earth and we

60
00:02:13,750 --> 00:02:11,520
can't do anything about that that's what

61
00:02:15,589 --> 00:02:13,760
it is and i think that was the most

62
00:02:17,110 --> 00:02:15,599
compelling feeling like we squabble down

63
00:02:18,630 --> 00:02:17,120

here about energy or whatever we

64

00:02:20,869 --> 00:02:18,640

squabble about down here on earth which

65

00:02:23,350 --> 00:02:20,879

is very inconsequential to really what's

66

00:02:25,190 --> 00:02:23,360

going on in the rest of the universe we

67

00:02:26,710 --> 00:02:25,200

are only one little planet but it is

68

00:02:29,030 --> 00:02:26,720

getting affected by the rest of the

69

00:02:30,630 --> 00:02:29,040

universe and i think that really

70

00:02:32,470 --> 00:02:30,640

came true when i when i was sitting

71

00:02:34,790 --> 00:02:32,480

there and that green stuff was below me

72

00:02:36,869 --> 00:02:34,800

hitting the earth and it is what it is

73

00:02:38,949 --> 00:02:36,879

you know we're just part of it

74

00:02:40,710 --> 00:02:38,959

so it's like all of that and then at the

75

00:02:42,630 --> 00:02:40,720

end of it you're like wait a minute

76

00:02:44,550 --> 00:02:42,640

tick-tock you know like we have to get

77

00:02:46,150 --> 00:02:44,560

back in the house right so you have to

78

00:02:48,309 --> 00:02:46,160

go back you know then your brain starts

79

00:02:49,910 --> 00:02:48,319

to tick again did it get everything done

80

00:02:51,750 --> 00:02:49,920

where's all my equipment where's my

81

00:02:52,630 --> 00:02:51,760

buddy where's my partner make sure all

82

00:02:54,390 --> 00:02:52,640

of that

83

00:02:56,070 --> 00:02:54,400

you know sort of like survival skills i

84

00:02:58,470 --> 00:02:56,080

think at the end this sort of taken you

85

00:03:00,229 --> 00:02:58,480

know come to come to play and every now

86

00:03:02,550 --> 00:03:00,239

and then it dawns on you that like hey

87

00:03:04,070 --> 00:03:02,560

i'm in a very dangerous place actually

88

00:03:06,390 --> 00:03:04,080

the main goal of this spacewalk is

89

00:03:08,390 --> 00:03:06,400

actually to go outside and come back in

90

00:03:10,869 --> 00:03:08,400

both of you and i think it finally at

91

00:03:13,350 --> 00:03:10,879

some point in time that that kicks in so

92

00:03:15,030 --> 00:03:13,360

we we practice all this on earth but

93

00:03:17,270 --> 00:03:15,040

there's always something that you don't

94

00:03:19,030 --> 00:03:17,280

anticipate either it's too hot or too

95

00:03:20,710 --> 00:03:19,040

cold for a piece of metal to work

96

00:03:22,229 --> 00:03:20,720

correctly you might have to wait and so

97

00:03:23,910 --> 00:03:22,239

there's a there's a lot of highs that

98

00:03:25,509 --> 00:03:23,920

you got something done really quick and

99

00:03:26,550 --> 00:03:25,519

fast and you are successful a lot of

100

00:03:29,509 --> 00:03:26,560

lows of

101
00:03:31,430 --> 00:03:29,519
like i'm working my as hard as i can and

102
00:03:33,589 --> 00:03:31,440
i and i can't get this done and maybe

103
00:03:35,830 --> 00:03:33,599
you have to alter the plan and call your

104
00:03:38,470 --> 00:03:35,840
call your buddy in to help you out so it

105
00:03:40,309 --> 00:03:38,480
is really a huge spectrum what

106
00:03:42,630 --> 00:03:40,319
is it like or what does it feel like to

107
00:03:44,229 --> 00:03:42,640
see the outside of the iss so close

108
00:03:46,149 --> 00:03:44,239
knowing it's just like

109
00:03:47,190 --> 00:03:46,159
falling controlled falling just through

110
00:03:48,710 --> 00:03:47,200
space

111
00:03:51,509 --> 00:03:48,720
um

112
00:03:52,949 --> 00:03:51,519
you recognize that it's sort of fragile

113
00:03:55,110 --> 00:03:52,959

and you're living in there i think

114

00:03:56,869 --> 00:03:55,120

that's one of the things and it's also

115

00:03:58,149 --> 00:03:56,879

incredibly beautiful sounds sort of

116

00:03:59,910 --> 00:03:58,159

silly maybe but

117

00:04:02,789 --> 00:03:59,920

it really feels like you're in space you

118

00:04:04,390 --> 00:04:02,799

are really part of this this universe

119

00:04:06,710 --> 00:04:04,400

versus inside you're sort of like on a

120

00:04:08,949 --> 00:04:06,720

ship i guess it's equivalent to like

121

00:04:10,869 --> 00:04:08,959

when you're on a boat and you're on the

122

00:04:12,789 --> 00:04:10,879

boat and you're having a pretty cool

123

00:04:14,710 --> 00:04:12,799

view of the water and all that kind of

124

00:04:16,469 --> 00:04:14,720

stuff and then if you jump out and you

125

00:04:17,990 --> 00:04:16,479

go for a swim and you have some goggles

126
00:04:19,590 --> 00:04:18,000
on and you're looking around underneath

127
00:04:21,270 --> 00:04:19,600
i think it's probably

128
00:04:21,990 --> 00:04:21,280
that different it's like you're in it

129
00:04:24,870 --> 00:04:22,000
right

130
00:04:26,469 --> 00:04:24,880
you are in it i think that's probably a

131
00:04:28,870 --> 00:04:26,479
good description of it

132
00:04:31,030 --> 00:04:28,880
i had the opportunity to be on the top

133
00:04:32,550 --> 00:04:31,040
of p6 when we had a

134
00:04:35,270 --> 00:04:32,560
solar ray sticking up and then looked

135
00:04:37,110 --> 00:04:35,280
down at it and it was super cool i also

136
00:04:39,030 --> 00:04:37,120
had the opportunity to be on the front

137
00:04:41,189 --> 00:04:39,040
of it like somebody on the front of a

138
00:04:43,189 --> 00:04:41,199

ship you know like uh like doing that

139

00:04:44,790 --> 00:04:43,199

type of thing and that's your house

140

00:04:46,310 --> 00:04:44,800

that's your home that's your base you

141

00:04:48,469 --> 00:04:46,320

want to stay connected to it you don't

142

00:04:50,150 --> 00:04:48,479

want to go away from it it's humongous

143

00:04:52,310 --> 00:04:50,160

absolutely humongous and you realize

144

00:04:55,510 --> 00:04:52,320

that um you're pretty far away from the

145

00:04:57,430 --> 00:04:55,520

whole you know the door to get in uh but

146

00:04:59,510 --> 00:04:57,440

it's an engineering marvel and you look

147

00:05:01,029 --> 00:04:59,520

at all the different pieces and parts

148

00:05:03,590 --> 00:05:01,039

that came from all the different

149

00:05:05,350 --> 00:05:03,600

agencies and countries and it's uh it's

150

00:05:07,189 --> 00:05:05,360

amazing that we were able to put that

151

00:05:08,550 --> 00:05:07,199

all together so it's humbling super

152

00:05:10,469 --> 00:05:08,560

humbling because you you know you're

153

00:05:12,150 --> 00:05:10,479

just one guy out there hopefully you're

154

00:05:14,150 --> 00:05:12,160

not making a mess of it and making a

155

00:05:16,230 --> 00:05:14,160

mistake and all the work of all those

156

00:05:19,270 --> 00:05:16,240

people i mean it's culminated into that

157

00:05:20,700 --> 00:05:19,280

amazing laboratory it it makes you stop

158

00:05:31,430 --> 00:05:20,710

for a minute

159

00:05:40,230 --> 00:05:34,110

subscribe for more space