



1  
00:00:11,959 --> 00:00:10,730  
alright so what's going on you two guys

2  
00:00:16,630 --> 00:00:11,969  
are all dressed up today what's going to

3  
00:00:18,800 --> 00:00:16,640  
happen ed a number of a number 304 yeah

4  
00:00:22,640 --> 00:00:18,810  
you only have two more runs color

5  
00:00:24,140 --> 00:00:22,650  
laughter that's only two total so you

6  
00:00:26,120 --> 00:00:24,150  
have four spacewalks on the whole flight

7  
00:00:28,070 --> 00:00:26,130  
right so we're doing our finals now all

8  
00:00:30,830 --> 00:00:28,080  
right and so young you you're outside

9  
00:00:32,900 --> 00:00:30,840  
for how many Mike this time three here

10  
00:00:34,670 --> 00:00:32,910  
what I mean this time I got six months

11  
00:00:35,930 --> 00:00:34,680  
in the Russians all right stop drop

12  
00:00:37,700 --> 00:00:35,940  
brackets you right away he's got he

13  
00:00:39,290 --> 00:00:37,710

throws I don't know but every question I

14

00:00:40,639 --> 00:00:39,300

yasha is gonna be like somehow you're

15

00:00:42,319 --> 00:00:40,649

gonna work into another question that

16

00:00:44,090 --> 00:00:42,329

you want to say yeah what's that way

17

00:00:46,190 --> 00:00:44,100

let's go ahead how long is your flight

18

00:00:48,350 --> 00:00:46,200

today Mike goes i did this flight this

19

00:00:51,819 --> 00:00:48,360

flight is 14 days but i spent a few

20

00:00:54,979 --> 00:00:51,829

years in space God you are you saying oh

21

00:00:56,959 --> 00:00:54,989

yeah does he give you a lot on Hubble

22

00:00:59,380 --> 00:00:56,969

stuff you know but I appreciate it for

23

00:01:01,760 --> 00:00:59,390

what it's worth what's that nothing

24

00:01:04,070 --> 00:01:01,770

really the Hubble Space Telescope was

25

00:01:06,500 --> 00:01:04,080

for nothing okay so how well he says but

26  
00:01:09,560 --> 00:01:06,510  
when i was on space stations yeah and

27  
00:01:11,149 --> 00:01:09,570  
then another six months after that no

28  
00:01:13,670 --> 00:01:11,159  
but see what the really neat thing is is

29  
00:01:16,130 --> 00:01:13,680  
that what you guys did looting drew on

30  
00:01:18,140 --> 00:01:16,140  
hub enough is really helping us by the

31  
00:01:19,760 --> 00:01:18,150  
way this is this is the serious Mike

32  
00:01:21,410 --> 00:01:19,770  
frankly this is the serious Spanky now

33  
00:01:23,660 --> 00:01:21,420  
here is turning I'm turning on your

34  
00:01:26,420 --> 00:01:23,670  
charm what's that saying well you guys

35  
00:01:28,520 --> 00:01:26,430  
did not just help out science unit even

36  
00:01:29,990 --> 00:01:28,530  
helped out this particular mission and

37  
00:01:31,260 --> 00:01:30,000  
I've learned a lot from Drew and I

38  
00:01:32,999 --> 00:01:31,270

appreciate it but

39

00:01:36,929 --> 00:01:33,009

I'm keeping the camera because I want to

40

00:01:40,800 --> 00:01:36,939

see you go idea right on the flip side

41

00:01:42,959 --> 00:01:40,810

yeah he's learned nothing for me so you

42

00:01:45,029 --> 00:01:42,969

know I've never seen space station no

43

00:01:46,770 --> 00:01:45,039

neither it I've been out the super never

44

00:01:49,139 --> 00:01:46,780

seen spacer I thought have these guys

45

00:01:51,090 --> 00:01:49,149

it's kind of a kind of my own personal

46

00:01:52,469 --> 00:01:51,100

trainers for you know what happens on

47

00:01:57,630 --> 00:01:52,479

space what's it like your lock works

48

00:01:59,160 --> 00:01:57,640

yeah does it seem complicated yes more

49

00:02:03,169 --> 00:01:59,170

complicated than what we did you know

50

00:02:06,229 --> 00:02:03,179

like on it with the smart hi hello

51  
00:02:08,490 --> 00:02:06,239  
what's going on Gibson blow Allison

52  
00:02:09,509 --> 00:02:08,500  
what's going on now I feel like

53  
00:02:11,729 --> 00:02:09,519  
straightened out and get ready to

54  
00:02:14,610 --> 00:02:11,739  
breathe you know I'm up reading

55  
00:02:16,020 --> 00:02:14,620  
these are managed my fingers your what

56  
00:02:17,610 --> 00:02:16,030  
these are management fingers really

57  
00:02:19,589 --> 00:02:17,620  
what's happening I don't do anything to

58  
00:02:23,550 --> 00:02:19,599  
actually do the work really these people

59  
00:02:25,380 --> 00:02:23,560  
over here so is this gonna be one big

60  
00:02:27,000 --> 00:02:25,390  
party today or someone gonna tell us

61  
00:02:30,930 --> 00:02:27,010  
what's going on they're gonna get to get

62  
00:02:32,190 --> 00:02:30,940  
to work eventually gets aware how these

63  
00:02:34,020 --> 00:02:32,200

guys doing by the way I know they're

64

00:02:36,150 --> 00:02:34,030

right here but you can tell me the truth

65

00:02:37,680 --> 00:02:36,160

I put there pretty good I didn't really

66

00:02:39,629 --> 00:02:37,690

mean it don't say that because they're

67

00:02:42,390 --> 00:02:39,639

gonna get a big head say something well

68

00:02:44,220 --> 00:02:42,400

equality listening say something bad I

69

00:02:47,039 --> 00:02:44,230

felt like a mistake they made a prima

70

00:02:48,390 --> 00:02:47,049

donna it is that's not bad yes that's

71

00:02:49,650 --> 00:02:48,400

right here should be at the prima donna

72

00:02:51,240 --> 00:02:49,660

so they're doing good though aren't they

73

00:02:54,720 --> 00:02:51,250

yeah yeah I got any trouble with these

74

00:03:02,360 --> 00:02:54,730

guys what's your theme song in right

75

00:03:07,070 --> 00:03:04,740

why is that your theme song I don't know

76

00:03:09,240 --> 00:03:07,080

why I just it's just one of those uh

77

00:03:11,970 --> 00:03:09,250

MacDonald some items if it's a final

78

00:03:13,410 --> 00:03:11,980

countdown for 135 well you come but I

79

00:03:16,680 --> 00:03:13,420

said we're on the final countdown for

80

00:03:20,060 --> 00:03:16,690

yours and ever right as a yellow

81

00:03:22,950 --> 00:03:20,070

submarine yellow submarine why is that

82

00:03:25,800 --> 00:03:22,960

why is that why they have yellow

83

00:03:28,800 --> 00:03:25,810

submarine wasn't that you're the one who

84

00:03:30,600 --> 00:03:28,810

take Riley I did I don't remember why i

85

00:03:32,730 --> 00:03:30,610

like the beatles they don't remember

86

00:03:34,710 --> 00:03:32,740

lies how many space rocks are you doing

87

00:03:36,540 --> 00:03:34,720

total inspect i have worked closely with

88

00:03:39,420 --> 00:03:36,550

our international partners the Russians

89

00:03:41,820 --> 00:03:39,430

and at six in the oil on six in the or

90

00:03:44,280 --> 00:03:41,830

law and it's a hitman see also usually

91

00:03:46,650 --> 00:03:44,290

early Tony at six that's just six in the

92

00:03:48,330 --> 00:03:46,660

oarlock he has 62 okay it's a completely

93

00:03:50,220 --> 00:03:48,340

that's a Russian space suit it's very

94

00:03:52,140 --> 00:03:50,230

Russian how long were those spacewalks

95

00:03:54,120 --> 00:03:52,150

the exterminator they're roughly about

96

00:03:55,590 --> 00:03:54,130

five hours about five hours that's a

97

00:03:57,120 --> 00:03:55,600

different suit meaning I what's the

98

00:03:58,920 --> 00:03:57,130

differences here for you the main thing

99

00:04:00,130 --> 00:03:58,930

is the American students called the

100

00:04:02,960 --> 00:04:00,140

extra vehicular

101  
00:04:05,180 --> 00:04:02,970  
so the American Road exit is actually a

102  
00:04:07,100 --> 00:04:05,190  
lot formal the big white suit wait

103  
00:04:10,190 --> 00:04:07,110  
you're going to get into a ninja pants

104  
00:04:12,020 --> 00:04:10,200  
it runs at a lower pressure the internal

105  
00:04:14,090 --> 00:04:12,030  
pressures about 4,000 square inch

106  
00:04:17,300 --> 00:04:14,100  
russiatooz about six pounds per square

107  
00:04:19,400 --> 00:04:17,310  
inch get a ham boom well so it's harder

108  
00:04:22,220 --> 00:04:19,410  
to move that Russian sue but the pre

109  
00:04:24,590 --> 00:04:22,230  
breed all the things we watch out for

110  
00:04:26,390 --> 00:04:24,600  
Barrow trauma and defense and the

111  
00:04:28,730 --> 00:04:26,400  
Russians are a lot easier that way

112  
00:04:30,440 --> 00:04:28,740  
there's a higher pressure here you've

113  
00:04:32,600 --> 00:04:30,450

got easier for you to do to pre-breathe

114

00:04:33,830 --> 00:04:32,610

and get ready but part in a moving

115

00:04:36,440 --> 00:04:33,840

because we've got a higher pressure

116

00:04:37,850 --> 00:04:36,450

nation exactly so Il suit has their

117

00:04:39,560 --> 00:04:37,860

strengths and weaknesses and I'm lucky

118

00:04:40,910 --> 00:04:39,570

fortunate to have a chance to London

119

00:04:45,180 --> 00:04:40,920

vote that's pretty cool you gotta get

120

00:04:49,140 --> 00:04:47,730

now you tried to do a spacewalk in one

121

00:04:50,760 --> 00:04:49,150

of these right Mike were narrow space

122

00:04:53,970 --> 00:04:50,770

station that's exactly it or what

123

00:04:56,070 --> 00:04:53,980

happened well the cooling the Columbia

124

00:04:58,440 --> 00:04:56,080

after Columbia the shuttle wasn't flying

125

00:05:01,020 --> 00:04:58,450

right he didn't have a newer ensign

126

00:05:05,130 --> 00:05:01,030

weren't you and thanks to the rust you

127

00:05:06,810 --> 00:05:05,140

want to find us or use and does were you

128

00:05:09,480 --> 00:05:06,820

supposed to go up on a shuttle initially

129

00:05:11,610 --> 00:05:09,490

yes you were really and he got switched

130

00:05:14,850 --> 00:05:11,620

over to the Soyuz yes that's interesting

131

00:05:18,300 --> 00:05:14,860

okay face to speak Russian sometimes all

132

00:05:20,360 --> 00:05:18,310

right so it turns out the American suits

133

00:05:23,880 --> 00:05:20,370

had been in space for a long time and

134

00:05:25,770 --> 00:05:23,890

they've got contamination on the inside

135

00:05:27,330 --> 00:05:25,780

you telling the story while you put your

136

00:05:29,490 --> 00:05:27,340

pants on what does answer doing two

137

00:05:31,590 --> 00:05:29,500

things at once I'm impressed so we got

138

00:05:36,540 --> 00:05:31,600

some contamination from the water got

139

00:05:39,300 --> 00:05:36,550

contaminated late so we couldn't so we

140

00:05:40,760 --> 00:05:39,310

couldn't run the suits because the

141

00:05:42,980 --> 00:05:40,770

cooling system wasn't working

142

00:05:45,290 --> 00:05:42,990

so we went to our international partners

143

00:05:47,300 --> 00:05:45,300

and Russians and they said okay you can

144

00:05:50,270 --> 00:05:47,310

use our suit so we went up did animator

145

00:05:52,760 --> 00:05:50,280

why you da in a wow that must have been

146

00:05:54,439 --> 00:05:52,770

challenging i would think I suppose you

147

00:05:56,899 --> 00:05:54,449

were able to do everything or yeah yeah

148

00:05:59,210 --> 00:05:56,909

because we weren't doing something that

149

00:06:01,430 --> 00:05:59,220

was super difficult like you would do on

150

00:06:03,260 --> 00:06:01,440

a Hubble mission or one of the assembly

151

00:06:07,430 --> 00:06:03,270

missions but it was an important

152

00:06:09,559 --> 00:06:07,440

critical task to fix power junction box

153

00:06:11,629 --> 00:06:09,569

that was broken okay there's a lot of

154

00:06:22,370 --> 00:06:11,639

fun alright cool alright well thanks

155

00:06:32,300 --> 00:06:26,420

hey Mikey your kind of tall I time I