



1
00:00:10,070 --> 00:00:07,749
he has spent more time in space than any

2
00:00:12,470 --> 00:00:10,080
other american and now he's talking to

3
00:00:14,629 --> 00:00:12,480
us from the international space station

4
00:00:17,670 --> 00:00:14,639
joining us right now is expedition 45

5
00:00:20,150 --> 00:00:17,680
commander scott kelly commander

6
00:00:21,590 --> 00:00:20,160
a year in space is what you're going to

7
00:00:23,509 --> 00:00:21,600
wind up spending

8
00:00:28,470 --> 00:00:23,519
who did you hack off to get that

9
00:00:33,350 --> 00:00:30,470
though while there was a long list but

10
00:00:34,790 --> 00:00:33,360
uh actually um to be honest with you

11
00:00:37,350 --> 00:00:34,800
there were a lot of people in our office

12
00:00:40,310 --> 00:00:37,360
that that wanted to do this it's uh you

13
00:00:42,150 --> 00:00:40,320

know it's an honor to be the first

14

00:00:43,750 --> 00:00:42,160

american to spend this amount of time in

15

00:00:45,670 --> 00:00:43,760

space and it's

16

00:00:50,150 --> 00:00:45,680

you know a challenge and i look at it as

17

00:00:53,670 --> 00:00:52,310

absolutely commander what do you hope to

18

00:00:58,709 --> 00:00:53,680

accomplish

19

00:01:03,189 --> 00:01:01,990

well you know on nasa's horizon uh

20

00:01:04,710 --> 00:01:03,199

hopefully

21

00:01:06,789 --> 00:01:04,720

not in the uh

22

00:01:08,310 --> 00:01:06,799

too far distant future is a journey to

23

00:01:10,390 --> 00:01:08,320

mars and

24

00:01:12,950 --> 00:01:10,400

there are still things we need to know

25

00:01:15,190 --> 00:01:12,960

about spending

26

00:01:17,429 --> 00:01:15,200

the amount of time in space that it will

27

00:01:19,510 --> 00:01:17,439

take to get to mars and

28

00:01:21,590 --> 00:01:19,520

you know safely get back to earth and

29

00:01:22,870 --> 00:01:21,600

the space station you know while we have

30

00:01:24,950 --> 00:01:22,880

it is a

31

00:01:27,109 --> 00:01:24,960

incredible

32

00:01:29,749 --> 00:01:27,119

opportunity to learn those things with

33

00:01:31,670 --> 00:01:29,759

regards to you know mostly in this year

34

00:01:33,590 --> 00:01:31,680

with regards to our health and the

35

00:01:35,510 --> 00:01:33,600

negative effects that this environment

36

00:01:37,749 --> 00:01:35,520

can have in our health and how to

37

00:01:40,069 --> 00:01:37,759

mitigate those effects so

38

00:01:42,149 --> 00:01:40,079

it's uh you know it's a great uh

39

00:01:43,670 --> 00:01:42,159

laboratory we have and a great chance to

40

00:01:47,190 --> 00:01:43,680

learn those things we need to know to go

41

00:01:50,550 --> 00:01:49,190

sure of course commander

42

00:01:51,830 --> 00:01:50,560

your

43

00:01:54,789 --> 00:01:51,840

brother

44

00:01:55,910 --> 00:01:54,799

is mark kelly is an identical twin of

45

00:01:57,990 --> 00:01:55,920

yours

46

00:01:59,590 --> 00:01:58,000

are they going to be are you essentially

47

00:02:02,550 --> 00:01:59,600

a human guinea pig they're trying to

48

00:02:03,590 --> 00:02:02,560

figure out if one guy spends a year in

49

00:02:06,149 --> 00:02:03,600

space

50

00:02:07,510 --> 00:02:06,159

how will that impact his body as opposed

51
00:02:13,430 --> 00:02:07,520
to the guy

52
00:02:16,869 --> 00:02:14,790
well in some

53
00:02:20,150 --> 00:02:16,879
at some level all astronauts and

54
00:02:23,589 --> 00:02:20,160
cosmonauts are human guinea pigs in that

55
00:02:26,710 --> 00:02:23,599
we participate in a human research

56
00:02:28,630 --> 00:02:26,720
program that we are the subjects and

57
00:02:30,630 --> 00:02:28,640
with regards to my brother and i

58
00:02:32,710 --> 00:02:30,640
it was a good opportunity

59
00:02:34,550 --> 00:02:32,720
once i was assigned to this flight for

60
00:02:38,150 --> 00:02:34,560
nasa to use him

61
00:02:40,390 --> 00:02:38,160
as a ground-based control uh subject uh

62
00:02:42,390 --> 00:02:40,400
for some of the experiments we had data

63
00:02:43,910 --> 00:02:42,400

on him for a very long time and he's you

64

00:02:45,030 --> 00:02:43,920

know familiar with the

65

00:02:46,630 --> 00:02:45,040

the uh

66

00:02:48,949 --> 00:02:46,640

you know the program and how we do

67

00:02:50,710 --> 00:02:48,959

things so it was a great opportunity to

68

00:02:53,350 --> 00:02:50,720

learn some extra things on this flight

69

00:02:56,630 --> 00:02:53,360

that we wouldn't have necessarily had

70

00:03:01,990 --> 00:02:56,640

had we not had somebody that was a a

71

00:03:05,589 --> 00:03:03,270

commander

72

00:03:07,750 --> 00:03:05,599

first of all tell us where you are in

73

00:03:09,270 --> 00:03:07,760

the international space station right

74

00:03:11,110 --> 00:03:09,280

now i mean it

75

00:03:13,430 --> 00:03:11,120

you got wires everywhere it looks kind

76

00:03:14,949 --> 00:03:13,440

of like just a

77

00:03:17,270 --> 00:03:14,959

part of an airplane or something like

78

00:03:18,949 --> 00:03:17,280

that but you're how far in space how

79

00:03:22,309 --> 00:03:18,959

fast are you going and where are you

80

00:03:27,589 --> 00:03:24,789

yeah so i am in the

81

00:03:29,430 --> 00:03:27,599

u.s destiny laboratory module it's kind

82

00:03:31,509 --> 00:03:29,440

of the main

83

00:03:34,309 --> 00:03:31,519

primary module for the u.s segment of

84

00:03:35,750 --> 00:03:34,319

the space station it's a part laboratory

85

00:03:37,110 --> 00:03:35,760

part like you know

86

00:03:40,309 --> 00:03:37,120

bridge of the

87

00:03:43,350 --> 00:03:40,319

starship enterprise in a in a small way

88

00:03:46,789 --> 00:03:43,360

and uh we are you know 250 miles above

89

00:03:49,509 --> 00:03:46,799

the surface of the earth traveling at 17

90

00:03:52,789 --> 00:03:49,519

500 miles an hour and we are currently

91

00:03:55,750 --> 00:03:52,799

over australia and it is night time and

92

00:03:57,509 --> 00:03:55,760

in about 45 minutes we'll be or less

93

00:04:01,350 --> 00:03:57,519

than 45 minutes we'll be flying over the

94

00:04:07,110 --> 00:04:03,910

that is so cool commander i you're kind

95

00:04:08,710 --> 00:04:07,120

of floating around if you are weightless

96

00:04:14,070 --> 00:04:08,720

right now

97

00:04:17,349 --> 00:04:15,190

done

98

00:04:19,830 --> 00:04:17,359

i love that

99

00:04:21,590 --> 00:04:19,840

i want to be able to do that

100

00:04:24,550 --> 00:04:21,600

what sort of training does somebody have

101
00:04:25,909 --> 00:04:24,560
to go through to be an astronaut on the

102
00:04:27,990 --> 00:04:25,919
international space station there are a

103
00:04:30,390 --> 00:04:28,000
lot of kids who still dream of growing

104
00:04:35,189 --> 00:04:30,400
up and and being in your in your shoes

105
00:04:39,990 --> 00:04:36,790
well you know we have a a lot of

106
00:04:41,430 --> 00:04:40,000
training once we uh get selected and uh

107
00:04:43,749 --> 00:04:41,440
you know it's several years and then

108
00:04:44,950 --> 00:04:43,759
there's uh flight specific training

109
00:04:47,670 --> 00:04:44,960
that's another

110
00:04:49,430 --> 00:04:47,680
you know two to three years but uh you

111
00:04:51,510 --> 00:04:49,440
know i look at it as

112
00:04:53,350 --> 00:04:51,520
i basically started training for this

113
00:04:55,110 --> 00:04:53,360

job when i started going to school and

114

00:04:56,950 --> 00:04:55,120

everything i've learned and

115

00:05:00,310 --> 00:04:56,960

you know all my experiences especially

116

00:05:02,469 --> 00:05:00,320

as i got older in the in the navy

117

00:05:04,150 --> 00:05:02,479

operational type experiences are very

118

00:05:06,390 --> 00:05:04,160

important to working in this environment

119

00:05:08,310 --> 00:05:06,400

so you know what i tell kids is it's

120

00:05:10,790 --> 00:05:08,320

very important for them to focus on

121

00:05:12,629 --> 00:05:10,800

their education and then focus on kind

122

00:05:14,469 --> 00:05:12,639

of broadening their

123

00:05:16,469 --> 00:05:14,479

you know horizons and their abilities

124

00:05:18,469 --> 00:05:16,479

with regards to do things

125

00:05:20,150 --> 00:05:18,479

that are you know kind of an operational

126

00:05:20,950 --> 00:05:20,160

nature you see around here this is a

127

00:05:23,270 --> 00:05:20,960

very

128

00:05:25,510 --> 00:05:23,280

busy place with all kinds of equipment

129

00:05:27,990 --> 00:05:25,520

wires computer

130

00:05:29,830 --> 00:05:28,000

equipment things like that you know we

131

00:05:31,430 --> 00:05:29,840

can't call the repairman we have to fix

132

00:05:34,469 --> 00:05:31,440

this we have to understand how these

133

00:05:36,070 --> 00:05:34,479

very complicated systems work so

134

00:05:37,909 --> 00:05:36,080

you know everything you learn along

135

00:05:41,430 --> 00:05:37,919

along the way is important to doing this

136

00:05:44,870 --> 00:05:42,950

sure

137

00:05:47,510 --> 00:05:44,880

our friend down here on earth pete

138

00:05:48,629 --> 00:05:47,520

heggseth is an army vet i know you're a

139

00:05:50,310 --> 00:05:48,639

navy guy

140

00:05:52,550 --> 00:05:50,320

he's going to go through astronaut

141

00:05:54,390 --> 00:05:52,560

training in houston next week do you

142

00:05:58,550 --> 00:05:54,400

think an army guy could actually hack

143

00:06:02,629 --> 00:06:00,150

no i don't think so i think we should

144

00:06:04,870 --> 00:06:02,639

have mostly uh people from the navy up

145

00:06:08,070 --> 00:06:04,880

here actually i'm

146

00:06:10,469 --> 00:06:08,080

i'm just i'm choking

147

00:06:12,790 --> 00:06:10,479

when i got up here the commander uh was

148

00:06:15,270 --> 00:06:12,800

uh terry verts air force guy the last

149

00:06:17,270 --> 00:06:15,280

time i was up here the commander of the

150

00:06:19,270 --> 00:06:17,280

space station when i first got here was

151

00:06:22,309 --> 00:06:19,280

doug wheelock an army guy

152

00:06:25,189 --> 00:06:22,319

we have people from all services

153

00:06:26,550 --> 00:06:25,199

and you know we're all professionals we

154

00:06:29,990 --> 00:06:26,560

uh

155

00:06:31,590 --> 00:06:30,000

all very capable people and

156

00:06:32,950 --> 00:06:31,600

we also have people that aren't from the

157

00:06:35,909 --> 00:06:32,960

military and

158

00:06:37,430 --> 00:06:35,919

you know i'm currently uh retired navy

159

00:06:39,590 --> 00:06:37,440

but we have people that started off in

160

00:06:41,670 --> 00:06:39,600

the astronaut program as civilians and

161

00:06:44,390 --> 00:06:41,680

the important thing is to have you know

162

00:06:46,469 --> 00:06:44,400

people that uh you know work hard that

163

00:06:48,950 --> 00:06:46,479

you know are relatively smart i don't

164

00:06:51,110 --> 00:06:48,960

think you know consider myself the you

165

00:06:51,909 --> 00:06:51,120

know the smartest person out there but

166

00:06:53,430 --> 00:06:51,919

uh

167

00:06:55,589 --> 00:06:53,440

you know have people that are you know

168

00:06:57,350 --> 00:06:55,599

relatively smart but more importantly to

169

00:06:59,430 --> 00:06:57,360

be able to work as a team because it is

170

00:07:00,870 --> 00:06:59,440

a team effort not only with the folks

171

00:07:02,710 --> 00:07:00,880

you know up here

172

00:07:04,150 --> 00:07:02,720

that work up here but also the folks

173

00:07:07,589 --> 00:07:04,160

that we deal with on the ground that

174

00:07:11,430 --> 00:07:08,390

sure

175

00:07:13,430 --> 00:07:11,440

commander when you are in space for a

176

00:07:16,309 --> 00:07:13,440

year

177

00:07:17,830 --> 00:07:16,319

are you are you on social media are you

178

00:07:20,870 --> 00:07:17,840

able to communicate with your loved ones

179

00:07:22,790 --> 00:07:20,880

on earth on twitter and what food are

180

00:07:25,350 --> 00:07:22,800

you going to miss the most so that as

181

00:07:29,990 --> 00:07:25,360

soon as you land you say take me to this

182

00:07:36,070 --> 00:07:33,670

so uh we have pretty decent uh

183

00:07:39,990 --> 00:07:36,080

capability with regards to email and a

184

00:07:41,670 --> 00:07:40,000

uh a skype ip type uh voice over ip type

185

00:07:42,790 --> 00:07:41,680

phone system that allows us to

186

00:07:44,790 --> 00:07:42,800

communicate there's a little bit of a

187

00:07:46,309 --> 00:07:44,800

delay we do have an internet connection

188

00:07:47,670 --> 00:07:46,319

that is uh

189

00:07:50,150 --> 00:07:47,680

you know it's probably a lot like

190

00:07:52,469 --> 00:07:50,160

dial-up was if uh you know i'm sure the

191

00:07:54,629 --> 00:07:52,479

kids out there don't know what dial up

192

00:07:57,270 --> 00:07:54,639

is but uh it allows us to get on the

193

00:08:00,150 --> 00:07:57,280

internet it's it's slow not ideal but

194

00:08:01,589 --> 00:08:00,160

better than than not having uh having

195

00:08:04,230 --> 00:08:01,599

anything so there's pretty good

196

00:08:06,070 --> 00:08:04,240

capability there uh to communicate not

197

00:08:08,790 --> 00:08:06,080

only with your friends and loved ones

198

00:08:10,950 --> 00:08:08,800

but also with the public uh in general

199

00:08:12,550 --> 00:08:10,960

and as far as you know what

200

00:08:14,550 --> 00:08:12,560

type of

201
00:08:17,670 --> 00:08:14,560
food i'll get when i land you know we

202
00:08:19,510 --> 00:08:17,680
land in kazakhstan so

203
00:08:21,270 --> 00:08:19,520
it's not like i can get

204
00:08:24,390 --> 00:08:21,280
you know something like a corned beef

205
00:08:26,710 --> 00:08:24,400
sandwich from new york city or some

206
00:08:29,350 --> 00:08:26,720
you know new jersey new york pizza but

207
00:08:31,029 --> 00:08:29,360
uh they do the best they can and uh you

208
00:08:32,149 --> 00:08:31,039
know hopefully when i get home i'll get

209
00:08:36,630 --> 00:08:32,159
up to the uh

210
00:08:40,949 --> 00:08:37,990
well i tell you what commander when you

211
00:08:42,469 --> 00:08:40,959
land uh come to me here in new york city

212
00:08:44,790 --> 00:08:42,479
and i'm taking in yet out for a big

213
00:08:46,470 --> 00:08:44,800

stake after a year in space commander

214

00:08:50,710 --> 00:08:46,480

scott kelly good luck to you sir and

215

00:08:56,470 --> 00:08:54,389

my pleasure great to talk to you

216

00:08:58,470 --> 00:08:56,480

this is houston acr that concludes the

217

00:09:00,389 --> 00:08:58,480

fox news portion of the event

218

00:09:06,870 --> 00:09:00,399

please stand by for a voice check from

219

00:09:12,070 --> 00:09:08,790

station this is cbs evening news how do

220

00:09:16,870 --> 00:09:13,910

i hear you loud and clear welcome aboard

221

00:09:20,550 --> 00:09:18,230

thanks for having us and taking some

222

00:09:22,949 --> 00:09:20,560

time with us captain we appreciate it uh

223

00:09:24,150 --> 00:09:22,959

i want to start out by asking you

224

00:09:27,750 --> 00:09:24,160

i know you're doing a lot of

225

00:09:28,870 --> 00:09:27,760

multitasking up there to what extent do

226

00:09:31,430 --> 00:09:28,880

you see

227

00:09:37,670 --> 00:09:31,440

your job as an ambassador building the

228

00:09:42,710 --> 00:09:39,430

well you know we have a lot of jobs up

229

00:09:44,870 --> 00:09:42,720

here um and that's uh that's one of them

230

00:09:47,590 --> 00:09:44,880

you know our other jobs are doing the uh

231

00:09:50,470 --> 00:09:47,600

we're scientists we're researchers

232

00:09:52,150 --> 00:09:50,480

uh we're operators of the equipment uh

233

00:09:54,870 --> 00:09:52,160

we're repair men

234

00:09:56,790 --> 00:09:54,880

where uh we're the where the you know

235

00:09:58,870 --> 00:09:56,800

the housekeeper the person that cleans

236

00:10:00,710 --> 00:09:58,880

the place you know all we have to fill

237

00:10:02,790 --> 00:10:00,720

all these roles but uh you know being

238

00:10:04,310 --> 00:10:02,800

the ambassador for space flight is also

239

00:10:07,430 --> 00:10:04,320

one of them and it's important and we

240

00:10:09,910 --> 00:10:07,440

have you know unique perspective up here

241

00:10:12,470 --> 00:10:09,920

um living and working in this in this

242

00:10:13,350 --> 00:10:12,480

laboratory that it's important for us to

243

00:10:16,389 --> 00:10:13,360

share

244

00:10:18,790 --> 00:10:16,399

uh this program as best we can with the

245

00:10:20,630 --> 00:10:18,800

with the uh you know with the taxpayers

246

00:10:21,430 --> 00:10:20,640

and the the people around the world that

247

00:10:23,269 --> 00:10:21,440

uh

248

00:10:26,710 --> 00:10:23,279

that pay for this program because it is

249

00:10:32,389 --> 00:10:30,710

how much easier is your job of sharing

250

00:10:37,590 --> 00:10:32,399

how much easier has that job been made

251

00:10:40,870 --> 00:10:39,350

oh i think it's

252

00:10:43,990 --> 00:10:40,880

not only

253

00:10:44,949 --> 00:10:44,000

easier for for us to do it uh you know

254

00:10:47,110 --> 00:10:44,959

sharing

255

00:10:48,790 --> 00:10:47,120

the space program but i think in general

256

00:10:51,910 --> 00:10:48,800

you know the public

257

00:10:55,110 --> 00:10:51,920

affairs role for different organizations

258

00:10:57,269 --> 00:10:55,120

have changed you know greatly with uh

259

00:10:58,550 --> 00:10:57,279

with social media each person kind of

260

00:11:00,949 --> 00:10:58,560

becomes their own

261

00:11:04,150 --> 00:11:00,959

you know for good good or bad a uh you

262

00:11:05,430 --> 00:11:04,160

know a public affairs department so

263

00:11:07,030 --> 00:11:05,440

um

264

00:11:08,389 --> 00:11:07,040

you know it's something i enjoy doing

265

00:11:12,230 --> 00:11:08,399

and i think it's something i hope that

266

00:11:16,630 --> 00:11:14,470

so you've been uh setting some records

267

00:11:17,990 --> 00:11:16,640

some longevity records as far as the

268

00:11:20,630 --> 00:11:18,000

american who has spent the most

269

00:11:23,110 --> 00:11:20,640

cumulative days in space and and now

270

00:11:25,190 --> 00:11:23,120

you're on your 221st day your longest

271

00:11:28,069 --> 00:11:25,200

period in space

272

00:11:29,190 --> 00:11:28,079

when you do that kind of longevity i'd

273

00:11:31,350 --> 00:11:29,200

like to know

274

00:11:33,990 --> 00:11:31,360

what are the biggest challenges not just

275

00:11:40,069 --> 00:11:34,000

physically but emotionally being in

276

00:11:46,389 --> 00:11:43,910

well it is uh it is a long time um

277

00:11:48,150 --> 00:11:46,399

fortunately i had flown 159 days

278

00:11:49,750 --> 00:11:48,160

previously and that felt like a long

279

00:11:50,710 --> 00:11:49,760

time and i've been up here much longer

280

00:11:53,590 --> 00:11:50,720

than that

281

00:11:54,949 --> 00:11:53,600

and i have a long long time uh ahead of

282

00:11:56,949 --> 00:11:54,959

me so

283

00:11:58,870 --> 00:11:56,959

um you know

284

00:12:01,670 --> 00:11:58,880

you know i tried to prepare for that you

285

00:12:03,910 --> 00:12:01,680

know and i recognize uh

286

00:12:06,230 --> 00:12:03,920

that i'm in this enclosed environment i

287

00:12:07,910 --> 00:12:06,240

can't leave um you know and that's

288

00:12:09,509 --> 00:12:07,920

probably the hardest thing is that you

289

00:12:12,230 --> 00:12:09,519

you know you don't have the freedom to

290

00:12:14,230 --> 00:12:12,240

just walk out your front door and you

291

00:12:16,629 --> 00:12:14,240

know breathe the uh you know the fresh

292

00:12:18,629 --> 00:12:16,639

air and put your feet in the grass and

293

00:12:21,190 --> 00:12:18,639

you know those kind of things are you

294

00:12:23,190 --> 00:12:21,200

know besides you know human contact is

295

00:12:26,150 --> 00:12:23,200

are the things that we miss

296

00:12:28,150 --> 00:12:26,160

we miss the most up here

297

00:12:29,910 --> 00:12:28,160

yeah so i think the

298

00:12:31,750 --> 00:12:29,920

the best preparation is just trying to

299

00:12:32,949 --> 00:12:31,760

understand the situation

300

00:12:37,030 --> 00:12:32,959

we're in and

301
00:12:42,870 --> 00:12:40,710
people think of the romance of space and

302
00:12:45,670 --> 00:12:42,880
everyone on earth envies you being up

303
00:12:46,870 --> 00:12:45,680
there on the cutting edge of exploration

304
00:12:49,509 --> 00:12:46,880
but

305
00:12:50,949 --> 00:12:49,519
not every day is probably a great day

306
00:12:52,949 --> 00:12:50,959
it's like any other part of being a

307
00:12:57,829 --> 00:12:52,959
human being you probably

308
00:13:03,750 --> 00:13:01,509
yeah absolutely um you know when you're

309
00:13:05,750 --> 00:13:03,760
doing uh you know anything you're gonna

310
00:13:07,750 --> 00:13:05,760
have you know anything that people do

311
00:13:10,550 --> 00:13:07,760
you're gonna have good days and bad days

312
00:13:12,310 --> 00:13:10,560
um you know for me up here though you

313
00:13:14,389 --> 00:13:12,320

know they've been mostly good uh you

314

00:13:16,230 --> 00:13:14,399

know i try to be a pretty positive uh

315

00:13:17,190 --> 00:13:16,240

person and have a pretty good outlook on

316

00:13:18,710 --> 00:13:17,200

things

317

00:13:19,509 --> 00:13:18,720

um

318

00:13:23,430 --> 00:13:19,519

and

319

00:13:25,829 --> 00:13:23,440

real privilege to be able to you know

320

00:13:28,949 --> 00:13:25,839

represent my country and uh you know be

321

00:13:31,030 --> 00:13:28,959

a part of this and you know as the first

322

00:13:33,430 --> 00:13:31,040

you know one-year crew member for the

323

00:13:34,470 --> 00:13:33,440

united states at least is uh you know

324

00:13:37,910 --> 00:13:34,480

something that makes it a little bit

325

00:13:41,430 --> 00:13:39,590

now you said you couldn't just walk out

326

00:13:44,949 --> 00:13:41,440

your front door but last week you did

327

00:13:47,110 --> 00:13:44,959

take your first two spacewalks ever

328

00:13:49,590 --> 00:13:47,120

after thinking about that for years what

329

00:13:55,829 --> 00:13:49,600

it would be like how did the reality

330

00:13:59,110 --> 00:13:56,870

well

331

00:14:02,870 --> 00:13:59,120

you know i thought it would be hard and

332

00:14:05,430 --> 00:14:03,990

a lot of people probably wouldn't

333

00:14:07,910 --> 00:14:05,440

believe this but it wasn't really it

334

00:14:10,150 --> 00:14:07,920

wasn't really fun it was kind of that

335

00:14:11,670 --> 00:14:10,160

that type 2 kind of fun and it's fun

336

00:14:12,870 --> 00:14:11,680

when when it's over

337

00:14:15,269 --> 00:14:12,880

you know while you're doing it you're

338

00:14:16,629 --> 00:14:15,279

like this is really hard and but when

339

00:14:18,710 --> 00:14:16,639

you're done you're like wow that was a

340

00:14:21,670 --> 00:14:18,720

lot of fun it's kind of like

341

00:14:23,910 --> 00:14:21,680

that kind of fun and

342

00:14:26,550 --> 00:14:23,920

the view was a lot better than i thought

343

00:14:28,470 --> 00:14:26,560

it would be which really surprised me

344

00:14:31,030 --> 00:14:28,480

we got another one here coming up on

345

00:14:32,870 --> 00:14:31,040

friday and i'm really looking forward to

346

00:14:35,750 --> 00:14:32,880

it and i hope it hope it goes as well as

347

00:14:40,550 --> 00:14:35,760

the first one we're working with pretty

348

00:14:45,910 --> 00:14:42,870

so it might be a fair way to describe it

349

00:14:51,110 --> 00:14:45,920

you don't like space walking you like

350

00:14:54,710 --> 00:14:51,990

i could

351

00:15:02,710 --> 00:14:54,720

it's

352

00:15:04,550 --> 00:15:02,720

you know you have when you're on a

353

00:15:05,590 --> 00:15:04,560

roller coaster or something like that

354

00:15:07,829 --> 00:15:05,600

but it is

355

00:15:09,750 --> 00:15:07,839

you know it is fun in in hindsight

356

00:15:13,590 --> 00:15:09,760

because it is you know it's so much of a

357

00:15:18,470 --> 00:15:15,110

i want to ask you you mentioned the

358

00:15:21,269 --> 00:15:18,480

views i want to ask you about sunrises

359

00:15:23,750 --> 00:15:21,279

and sunsets because you get a lot more

360

00:15:26,389 --> 00:15:23,760

than two a day i think by our count 3

361

00:15:28,150 --> 00:15:26,399

500 so far

362

00:15:31,110 --> 00:15:28,160

this trip

363

00:15:36,150 --> 00:15:31,120

are they all the same or do some sunsets

364

00:15:40,870 --> 00:15:38,550

well they all they all vary

365

00:15:43,189 --> 00:15:40,880

not only do they vary in how they look

366

00:15:46,069 --> 00:15:43,199

um because of the you know the

367

00:15:47,990 --> 00:15:46,079

environment of the atmosphere uh but

368

00:15:50,710 --> 00:15:48,000

they also vary in how long they last

369

00:15:53,110 --> 00:15:50,720

based on our orbit and uh you know how

370

00:15:55,590 --> 00:15:53,120

we are our orbit is in relation to the

371

00:15:58,870 --> 00:15:55,600

sun so some last longer than others

372

00:16:00,550 --> 00:15:58,880

they're all spectacular um

373

00:16:02,870 --> 00:16:00,560

you know sunrises on earth though are

374

00:16:04,629 --> 00:16:02,880

pretty incredible too and uh

375

00:16:06,389 --> 00:16:04,639

you know they're kind of hard to compare

376

00:16:08,629 --> 00:16:06,399

the two but the good things about the

377

00:16:10,790 --> 00:16:08,639

ones on earth is they i think they vary

378

00:16:12,550 --> 00:16:10,800

much more in how they look in their

379

00:16:14,310 --> 00:16:12,560

appearance and they last much longer

380

00:16:17,110 --> 00:16:14,320

because you know they're you're not

381

00:16:19,269 --> 00:16:17,120

going around the earth at 17 500 miles

382

00:16:23,030 --> 00:16:19,279

an hour but like you said we get a lot

383

00:16:28,470 --> 00:16:25,430

when you had been looking at sunrises

384

00:16:31,030 --> 00:16:28,480

and sunsets from inside the space

385

00:16:32,790 --> 00:16:31,040

station is there any difference from

386

00:16:37,910 --> 00:16:32,800

when you're observing a sunrise or

387

00:16:41,910 --> 00:16:39,829

it's incredible the difference like i

388

00:16:43,990 --> 00:16:41,920

said i didn't um you know i'd heard

389

00:16:46,069 --> 00:16:44,000

people say tell me that that the view is

390

00:16:48,389 --> 00:16:46,079

just amazing and i thought you know the

391

00:16:50,150 --> 00:16:48,399

view is pretty amazing up here looking

392

00:16:51,749 --> 00:16:50,160

out the window how could it be much more

393

00:16:54,069 --> 00:16:51,759

amazing but when you're

394

00:16:57,990 --> 00:16:54,079

looking through one um you know pane of

395

00:17:00,230 --> 00:16:58,000

glass that the helmet visor is and uh

396

00:17:03,030 --> 00:17:00,240

how your you know your face is kind of

397

00:17:06,069 --> 00:17:03,040

up in the visor so your field of view is

398

00:17:09,270 --> 00:17:06,079

much greater it is just a completely

399

00:17:10,549 --> 00:17:09,280

different level of uh you know color and

400

00:17:12,870 --> 00:17:10,559

brilliance

401

00:17:15,270 --> 00:17:12,880

that you see of the earth

402

00:17:16,789 --> 00:17:15,280

than than we see here looking out the

403

00:17:18,870 --> 00:17:16,799

windows although you know this is a

404

00:17:23,590 --> 00:17:18,880

great view it doesn't uh it doesn't

405

00:17:29,029 --> 00:17:25,990

captain i got time for one more question

406

00:17:30,710 --> 00:17:29,039

uh you know the mission of the last 15

407

00:17:33,350 --> 00:17:30,720

years

408

00:17:36,150 --> 00:17:33,360

has been to obviously

409

00:17:37,190 --> 00:17:36,160

further humanity's understanding of

410

00:17:40,150 --> 00:17:37,200

space

411

00:17:41,830 --> 00:17:40,160

nine years left on this mission what do

412

00:17:43,830 --> 00:17:41,840

you hope to find

413

00:17:46,070 --> 00:17:43,840

and make an argument for why it should

414

00:17:53,590 --> 00:17:46,080

be more than nine years and this kind of

415

00:17:56,310 --> 00:17:55,430

well you know being a

416

00:17:59,270 --> 00:17:56,320

you know

417

00:18:01,190 --> 00:17:59,280

former member of the military i don't

418

00:18:03,430 --> 00:18:01,200

like the idea of uh

419

00:18:05,750 --> 00:18:03,440

you know giving up ground that we've

420

00:18:07,510 --> 00:18:05,760

we've taken and this is a you know a

421

00:18:09,430 --> 00:18:07,520

foothold in space

422

00:18:12,390 --> 00:18:09,440

uh the international space station where

423

00:18:15,190 --> 00:18:12,400

we continue to learn things um

424

00:18:17,430 --> 00:18:15,200

uh you know so far we've learned uh

425

00:18:19,430 --> 00:18:17,440

an incredible amount on how to build the

426
00:18:21,590 --> 00:18:19,440
life support systems

427
00:18:23,270 --> 00:18:21,600
uh electrical system

428
00:18:25,830 --> 00:18:23,280
uh you know the procedures the

429
00:18:28,789 --> 00:18:25,840
operations the working with the ground

430
00:18:29,990 --> 00:18:28,799
we've learned a lot about human health

431
00:18:32,789 --> 00:18:30,000
and

432
00:18:35,029 --> 00:18:32,799
how this environment you know negatively

433
00:18:36,470 --> 00:18:35,039
affects our bodies but also how to

434
00:18:39,510 --> 00:18:36,480
mitigate some of those effects and

435
00:18:41,430 --> 00:18:39,520
there's a lot more to learn now whether

436
00:18:44,630 --> 00:18:41,440
you know nine years from now if or

437
00:18:46,789 --> 00:18:44,640
whenever we decide to uh you know

438
00:18:47,990 --> 00:18:46,799

retire the space station because at some

439

00:18:50,150 --> 00:18:48,000

point we

440

00:18:52,630 --> 00:18:50,160

we probably will i mean i guess you

441

00:18:55,270 --> 00:18:52,640

could keep adding on modules and maybe

442

00:18:57,750 --> 00:18:55,280

taking away ones that no longer

443

00:18:59,350 --> 00:18:57,760

serve their purposes but you know if we

444

00:19:01,430 --> 00:18:59,360

don't continue this space station i hope

445

00:19:03,830 --> 00:19:01,440

we're continuing another or you know

446

00:19:06,630 --> 00:19:03,840

something on the moon and eventually you

447

00:19:08,549 --> 00:19:06,640

know possibly mars or or will be mars

448

00:19:11,909 --> 00:19:08,559

hopefully not too far in a distant

449

00:19:15,510 --> 00:19:13,750

captain thank you so much for your time

450

00:19:21,510 --> 00:19:15,520

i will say hi to west orange for you

451

00:19:26,310 --> 00:19:24,470

thank you enjoyed talking to you

452

00:19:29,190 --> 00:19:26,320

station this is houston acr that

453

00:19:31,270 --> 00:19:29,200

concludes the event thank you

454

00:19:33,270 --> 00:19:31,280

and thank you fox news and cbs evening