



1
00:00:08,390 --> 00:00:02,629
station this is houston are you ready

2
00:00:11,830 --> 00:00:10,310
houston station we are ready for the

3
00:00:14,549 --> 00:00:11,840
event

4
00:00:16,950 --> 00:00:14,559
kex radio this is mission control

5
00:00:20,310 --> 00:00:16,960
houston please call station for a voice

6
00:00:25,109 --> 00:00:22,470
kex in portland voice check one two

7
00:00:30,070 --> 00:00:25,119
three four five kex radio portland one

8
00:00:40,470 --> 00:00:30,870
uh

9
00:00:41,990 --> 00:00:40,480
talking to portland today

10
00:00:43,910 --> 00:00:42,000
well don good

11
00:00:45,750 --> 00:00:43,920
greetings from portland oregon your home

12
00:00:47,430 --> 00:00:45,760
state paul lindman and scotland with you

13
00:00:51,830 --> 00:00:47,440

how are you enjoying life on the space

14

00:00:58,150 --> 00:00:53,510

paul i'll tell you the second time

15

00:00:59,990 --> 00:00:58,160

around is just as good as the first time

16

00:01:01,830 --> 00:01:00,000

you told your family upon arrival

17

00:01:08,950 --> 00:01:01,840

christmas eve that it was like being

18

00:01:13,270 --> 00:01:12,149

it's like going to your summer home or

19

00:01:19,429 --> 00:01:13,280

your

20

00:01:22,469 --> 00:01:19,439

it's it's obviously not my home because

21

00:01:25,270 --> 00:01:22,479

my home is with my family in houston but

22

00:01:27,990 --> 00:01:25,280

it is going back to it is like going

23

00:01:30,149 --> 00:01:28,000

back to visit an old friend and it's

24

00:01:31,990 --> 00:01:30,159

wonderful to be here

25

00:01:34,630 --> 00:01:32,000

don this is scott lynn the former oregon

26

00:01:37,270 --> 00:01:34,640

state beaver announcer wanting to say uh

27

00:01:39,749 --> 00:01:37,280

hello to a former beaver right up there

28

00:01:41,350 --> 00:01:39,759

in space uh i i just wonder one of the

29

00:01:45,429 --> 00:01:41,360

really cool experiments that you're

30

00:01:49,670 --> 00:01:48,149

well uh we just finished up

31

00:01:52,310 --> 00:01:49,680

an experiment

32

00:01:54,870 --> 00:01:52,320

uh right before this bao event and and

33

00:01:56,630 --> 00:01:54,880

it's a human experiment we we experiment

34

00:01:59,190 --> 00:01:56,640

on ourselves we're kind of like guinea

35

00:02:02,389 --> 00:01:59,200

pigs and we're looking at how human

36

00:02:05,270 --> 00:02:02,399

physiology uh responds to living for

37

00:02:07,910 --> 00:02:05,280

long periods of time in a low gravity

38

00:02:10,150 --> 00:02:07,920

environment and this experiment is

39

00:02:12,390 --> 00:02:10,160
called integrated cardiovascular

40

00:02:15,830 --> 00:02:12,400
and it's looking at what happens to your

41

00:02:17,910 --> 00:02:15,840
cardiovascular system as it slowly uh

42

00:02:19,510 --> 00:02:17,920
changes or degrades depending on what

43

00:02:22,150 --> 00:02:19,520
kind of word you want to use to describe

44

00:02:24,710 --> 00:02:22,160
it in a weightless environment and what

45

00:02:26,470 --> 00:02:24,720
we were doing were were

46

00:02:29,670 --> 00:02:26,480
ultrasound

47

00:02:33,270 --> 00:02:29,680
measurements on my heart looking at

48

00:02:36,229 --> 00:02:33,280
chamber size and and chamber volume and

49

00:02:38,630 --> 00:02:36,239
and just just looking at the dynamics of

50

00:02:40,710 --> 00:02:38,640
what the heart physiology is like and

51
00:02:42,229 --> 00:02:40,720
we're doing this in conjunction

52
00:02:44,390 --> 00:02:42,239
with uh

53
00:02:47,430 --> 00:02:44,400
ekg measurements

54
00:02:50,150 --> 00:02:47,440
and power measurements on your heart and

55
00:02:52,470 --> 00:02:50,160
then also in conjunction with the with

56
00:02:55,270 --> 00:02:52,480
the cardiovascular exercise that we do

57
00:02:58,149 --> 00:02:55,280
so it's a integrated cardiovascular

58
00:03:00,630 --> 00:02:58,159
physiological experiment and i just

59
00:03:02,949 --> 00:03:00,640
spent about two hours uh

60
00:03:05,830 --> 00:03:02,959
helping collect some of the data

61
00:03:07,509 --> 00:03:05,840
don pettit i've read you say that when

62
00:03:09,190 --> 00:03:07,519
you're on earth you dream about being up

63
00:03:11,270 --> 00:03:09,200

there you dream about flying and when

64

00:03:15,750 --> 00:03:11,280

you're up there you dream about walking

65

00:03:18,869 --> 00:03:17,030

i think it

66

00:03:21,509 --> 00:03:18,879

just shows that

67

00:03:22,550 --> 00:03:21,519

wherever human beings are you're always

68

00:03:25,030 --> 00:03:22,560

there's always a little bit of

69

00:03:26,149 --> 00:03:25,040

discontent you want to be where you

70

00:03:28,710 --> 00:03:26,159

aren't

71

00:03:31,430 --> 00:03:28,720

and it's the adage of the grass is

72

00:03:33,270 --> 00:03:31,440

greener on the other side

73

00:03:35,270 --> 00:03:33,280

i know there are students here in oregon

74

00:03:37,509 --> 00:03:35,280

and all across america if not the world

75

00:03:38,789 --> 00:03:37,519

who are following you right now and your

76

00:03:40,070 --> 00:03:38,799

experiments

77

00:03:42,630 --> 00:03:40,080

with the end of the space shuttle

78

00:03:45,190 --> 00:03:42,640

program what do you have to say to those

79

00:03:46,789 --> 00:03:45,200

future space explorers who might be

80

00:03:50,309 --> 00:03:46,799

wondering about what what might be

81

00:03:54,550 --> 00:03:51,910

well we're uh

82

00:03:58,070 --> 00:03:54,560

we this the space shuttle program ended

83

00:04:00,149 --> 00:03:58,080

but our space program did not and

84

00:04:02,869 --> 00:04:00,159

we're moving on to the next generation

85

00:04:05,110 --> 00:04:02,879

of rocket and it's going to be really

86

00:04:08,390 --> 00:04:05,120

exciting because it's going to have the

87

00:04:10,710 --> 00:04:08,400

capability to take us to places beyond

88

00:04:13,670 --> 00:04:10,720

low earth orbit and and it's going to be

89

00:04:15,830 --> 00:04:13,680

really exciting and and it's going to be

90

00:04:18,069 --> 00:04:15,840

really exciting to visit places beyond

91

00:04:18,949 --> 00:04:18,079

low earth orbit as well as low earth

92

00:04:19,909 --> 00:04:18,959

orbit

93

00:04:23,909 --> 00:04:19,919

and

94

00:04:27,110 --> 00:04:23,919

there's going to be a

95

00:04:29,670 --> 00:04:27,120

whole world of opportunity so to speak

96

00:04:31,990 --> 00:04:29,680

for all these students who want to come

97

00:04:33,830 --> 00:04:32,000

and take my job

98

00:04:34,790 --> 00:04:33,840

you're up there for five months right

99

00:04:36,710 --> 00:04:34,800

now

100

00:04:38,710 --> 00:04:36,720

does that seem daunting at all when you

101
00:04:40,790 --> 00:04:38,720
when you look at that time frame and

102
00:04:44,469 --> 00:04:40,800
would you accept a two-year mission to

103
00:04:50,310 --> 00:04:47,990
uh actually the the the mission duration

104
00:04:51,990 --> 00:04:50,320
is is not daunting at all i actually

105
00:04:55,030 --> 00:04:52,000
wish it could be a little bit longer

106
00:04:57,030 --> 00:04:55,040
five months seems kind of short uh

107
00:05:00,469 --> 00:04:57,040
and think about it i've already been up

108
00:05:02,870 --> 00:05:00,479
here almost a month already so so one

109
00:05:05,749 --> 00:05:02,880
fifth of my mission is over and it feels

110
00:05:08,629 --> 00:05:05,759
like i'm i'm just barely getting started

111
00:05:11,430 --> 00:05:08,639
uh so so the length of this mission is

112
00:05:13,830 --> 00:05:11,440
is is not too long it's it's actually a

113
00:05:16,469 --> 00:05:13,840

little bit on the short side uh i would

114

00:05:17,430 --> 00:05:16,479

not mind going to mars

115

00:05:20,390 --> 00:05:17,440

however

116

00:05:24,310 --> 00:05:20,400

the the conditions have to be correct

117

00:05:26,310 --> 00:05:24,320

it's these these one-way trips to mars

118

00:05:28,550 --> 00:05:26,320

does not uh

119

00:05:29,990 --> 00:05:28,560

settle well with me it has to be a trip

120

00:05:31,670 --> 00:05:30,000

where you could go

121

00:05:33,670 --> 00:05:31,680

and and either

122

00:05:36,230 --> 00:05:33,680

immigrate to the planet meaning you have

123

00:05:40,550 --> 00:05:36,240

enough technology there to live the rest

124

00:05:43,670 --> 00:05:40,560

of your life in a human lifestyle or a

125

00:05:45,990 --> 00:05:43,680

trip that's an exploratory trip where

126

00:05:48,790 --> 00:05:46,000

you plan to come back and and either one

127

00:05:51,189 --> 00:05:48,800

of those uh mars missions i'd be i'd

128

00:05:53,830 --> 00:05:51,199

sign up in a nanosecond

129

00:06:01,270 --> 00:05:53,840

and don how close are we to having that

130

00:06:06,309 --> 00:06:03,909

gosh my crystal ball doesn't see that

131

00:06:08,870 --> 00:06:06,319

far into the future i i'd like to think

132

00:06:11,029 --> 00:06:08,880

that it'll happen within our lifetime i

133

00:06:13,590 --> 00:06:11,039

think if we wanted to

134

00:06:15,749 --> 00:06:13,600

we could as a society we could make it

135

00:06:18,390 --> 00:06:15,759

happen in our lifetime

136

00:06:19,270 --> 00:06:18,400

it just depends do we have the

137

00:06:23,110 --> 00:06:19,280

the

138

00:06:24,230 --> 00:06:23,120

political will to to back a program that

139

00:06:26,710 --> 00:06:24,240

will take

140

00:06:29,110 --> 00:06:26,720

15 or 20 years to complete

141

00:06:31,189 --> 00:06:29,120

and and see it through if if it's

142

00:06:33,189 --> 00:06:31,199

something that we as a country want to

143

00:06:35,830 --> 00:06:33,199

do we could roll up our sleeves and do

144

00:06:37,510 --> 00:06:35,840

it we're speaking with nasa astronaut

145

00:06:39,510 --> 00:06:37,520

don pettit from oregon he's at the

146

00:06:40,710 --> 00:06:39,520

international space station expedition

147

00:06:42,950 --> 00:06:40,720

30 don

148

00:06:45,430 --> 00:06:42,960

you get up you're looking at a moon rise

149

00:06:47,510 --> 00:06:45,440

like we on earth have not seen but i've

150

00:06:52,469 --> 00:06:47,520

always wondered can you get a decent cup

151
00:06:56,469 --> 00:06:54,230
it depends on your definition for a

152
00:06:57,909 --> 00:06:56,479
decent cup of coffee

153
00:06:59,029 --> 00:06:57,919
our coffee

154
00:07:01,589 --> 00:06:59,039
is in

155
00:07:03,270 --> 00:07:01,599
our coffee's in bags

156
00:07:05,670 --> 00:07:03,280
and so you really don't have a cup of

157
00:07:08,230 --> 00:07:05,680
coffee you have a bag of coffee and it's

158
00:07:10,230 --> 00:07:08,240
all instant coffee and you can get a bag

159
00:07:12,150 --> 00:07:10,240
of just black coffee you can get a bag

160
00:07:14,309 --> 00:07:12,160
of coffee with some kind of instant

161
00:07:16,790 --> 00:07:14,319
creamer you can get a bag of coffee with

162
00:07:18,309 --> 00:07:16,800
instant creamer and sugar so you got

163
00:07:20,870 --> 00:07:18,319

three choices

164

00:07:23,749 --> 00:07:20,880

and you you grab a bag in the morning

165

00:07:25,909 --> 00:07:23,759

and you go to the water machine and you

166

00:07:28,870 --> 00:07:25,919

pump it full of hot water and you stick

167

00:07:30,870 --> 00:07:28,880

a straw in it and uh and there you go

168

00:07:32,870 --> 00:07:30,880

with your bag of coffee

169

00:07:37,749 --> 00:07:32,880

how do you spend your down time and how

170

00:07:42,469 --> 00:07:40,150

i like to call it off duty time

171

00:07:44,469 --> 00:07:42,479

because living and working on station

172

00:07:46,869 --> 00:07:44,479

it's like being on a ship

173

00:07:49,110 --> 00:07:46,879

and you're always on call and there's

174

00:07:51,510 --> 00:07:49,120

always something to do but every so

175

00:07:52,550 --> 00:07:51,520

often you have some off-duty time

176

00:07:57,430 --> 00:07:52,560

and

177

00:08:00,309 --> 00:07:57,440

off-duty time a day

178

00:08:03,510 --> 00:08:00,319

uh by the time we get done doing all the

179

00:08:05,430 --> 00:08:03,520

all the the program work and then

180

00:08:08,469 --> 00:08:05,440

there's all kinds of little chores we

181

00:08:10,790 --> 00:08:08,479

have to do like uh inventory management

182

00:08:12,629 --> 00:08:10,800

for our food and our clothing and

183

00:08:15,350 --> 00:08:12,639

keeping all our supplies straightened

184

00:08:17,670 --> 00:08:15,360

out and getting stowage sorted out and

185

00:08:19,749 --> 00:08:17,680

hunting things down for the next day

186

00:08:22,070 --> 00:08:19,759

and we probably spent a couple hours

187

00:08:24,230 --> 00:08:22,080

doing that every day and by the time all

188

00:08:27,589 --> 00:08:24,240

of that's done we have maybe an hour

189

00:08:29,270 --> 00:08:27,599

hour and a half a day of off-duty time

190

00:08:30,869 --> 00:08:29,280

don you and i are about the same age

191

00:08:32,870 --> 00:08:30,879

many of our generation grew up thinking

192

00:08:34,949 --> 00:08:32,880

it would be so great to be an astronaut

193

00:08:38,949 --> 00:08:34,959

when did you know that this was what you

194

00:08:42,630 --> 00:08:41,190

well i i had an inkling

195

00:08:44,630 --> 00:08:42,640

of

196

00:08:46,310 --> 00:08:44,640

being an astronaut

197

00:08:47,990 --> 00:08:46,320

when i was a little kid

198

00:08:51,509 --> 00:08:48,000

uh growing up in silverton we were

199

00:08:53,430 --> 00:08:51,519

coming out of a yb's it was the

200

00:08:54,710 --> 00:08:53,440

clothing store you know the clothing

201
00:08:56,389 --> 00:08:54,720
store in town i don't think there's

202
00:09:01,110 --> 00:08:56,399
another clothing store

203
00:09:02,550 --> 00:09:01,120
and uh with a pair of red ball jet shoes

204
00:09:04,710 --> 00:09:02,560
and i don't i don't even know where

205
00:09:06,150 --> 00:09:04,720
they're made today but they were they

206
00:09:07,430 --> 00:09:06,160
were really neat to have a pair of red

207
00:09:11,190 --> 00:09:07,440
ball jets

208
00:09:15,509 --> 00:09:11,200
a real

209
00:09:17,430 --> 00:09:15,519
floppy 45 rpm record that had john glenn

210
00:09:18,389 --> 00:09:17,440
describing what it was like for being in

211
00:09:20,470 --> 00:09:18,399
orbit

212
00:09:23,269 --> 00:09:20,480
and and when i listened to that i

213
00:09:24,710 --> 00:09:23,279

thought wow that's pretty cool maybe

214

00:09:26,150 --> 00:09:24,720

maybe that's something that i could do

215

00:09:28,070 --> 00:09:26,160

when i grow up

216

00:09:30,550 --> 00:09:28,080

astronaut don pettit speaking to us from

217

00:09:33,430 --> 00:09:30,560

the space station in orbit don such a

218

00:09:34,710 --> 00:09:33,440

thrill to talk to you today godspeed and

219

00:09:38,150 --> 00:09:34,720

we're proud of you here in the state of

220

00:09:43,990 --> 00:09:41,670

i'll tell you it's uh it's uh i'm proud

221

00:09:46,470 --> 00:09:44,000

of the state of oregon for

222

00:09:48,150 --> 00:09:46,480

giving me the opportunity through

223

00:09:51,750 --> 00:09:48,160

education

224

00:09:53,430 --> 00:09:51,760

to end up doing what i'm i'm doing today

225

00:09:59,829 --> 00:09:53,440

thank you very much ktx radio in

226

00:10:03,670 --> 00:10:01,829

station this is houston acr that

227

00:10:04,389 --> 00:10:03,680

concludes the kex radio portion of the

228

00:10:06,389 --> 00:10:04,399

event

229

00:10:10,389 --> 00:10:06,399

please stand by for a voice check from

230

00:10:16,310 --> 00:10:12,150

station this is coin tv how do you hear

231

00:10:16,320 --> 00:10:21,670

coin tv station hears you loud and clear

232

00:10:25,670 --> 00:10:23,430

good morning don thank you so much for

233

00:10:27,829 --> 00:10:25,680

taking the time with to talk with us we

234

00:10:29,430 --> 00:10:27,839

appreciate you uh taking time out of

235

00:10:31,430 --> 00:10:29,440

your busy schedule tell us a little bit

236

00:10:32,870 --> 00:10:31,440

about what you're doing up there in

237

00:10:37,829 --> 00:10:32,880

orbit this morning

238

00:10:39,670 --> 00:10:37,839

i was working on a number of experiments

239

00:10:41,670 --> 00:10:39,680

this morning

240

00:10:44,470 --> 00:10:41,680

most of them are life science

241

00:10:46,710 --> 00:10:44,480

experiments uh on ourselves where human

242

00:10:50,069 --> 00:10:46,720

guinea pigs we're looking at how human

243

00:10:52,389 --> 00:10:50,079

physiology responds to long-duration

244

00:10:54,069 --> 00:10:52,399

space flight and there there's a number

245

00:10:58,230 --> 00:10:54,079

of interesting changes that occur in

246

00:11:02,069 --> 00:10:58,240

your body and these can be clues to how

247

00:11:04,230 --> 00:11:02,079

our physiology works in the first place

248

00:11:05,990 --> 00:11:04,240

human beings are not used to living in a

249

00:11:08,630 --> 00:11:06,000

weightless environment and when you can

250

00:11:11,750 --> 00:11:08,640

change the environment oftentimes your

251

00:11:15,750 --> 00:11:11,760

physiology will give you clues as to to

252

00:11:16,870 --> 00:11:15,760

how things operate so so uh that's uh

253

00:11:19,350 --> 00:11:16,880

one of the

254

00:11:21,110 --> 00:11:19,360

the the many scientific uh

255

00:11:22,550 --> 00:11:21,120

investigations that we're doing up here

256

00:11:23,910 --> 00:11:22,560

and that's what i happen to be working

257

00:11:25,269 --> 00:11:23,920

on today

258

00:11:27,190 --> 00:11:25,279

you've been up there for about a month

259

00:11:28,389 --> 00:11:27,200

already five months excuse me four

260

00:11:29,910 --> 00:11:28,399

months left to go

261

00:11:31,590 --> 00:11:29,920

have you already been able to see

262

00:11:33,670 --> 00:11:31,600

changes in your body or do you

263

00:11:35,269 --> 00:11:33,680

anticipate significant changes over the

264

00:11:37,190 --> 00:11:35,279

course of your mission significant

265

00:11:39,829 --> 00:11:37,200

changes over the course of your mission

266

00:11:41,910 --> 00:11:39,839

uh there there are a number of of simple

267

00:11:44,310 --> 00:11:41,920

changes i'll call them that you could

268

00:11:46,710 --> 00:11:44,320

just see by looking in a mirror

269

00:11:48,710 --> 00:11:46,720

uh one is your face gets all puffy you

270

00:11:50,470 --> 00:11:48,720

get kind of chipmunk cheeks

271

00:11:53,030 --> 00:11:50,480

and and that

272

00:11:55,990 --> 00:11:53,040

happens within hours after

273

00:11:57,269 --> 00:11:56,000

after arriving into space and it takes

274

00:11:59,670 --> 00:11:57,279

about

275

00:12:01,990 --> 00:11:59,680

three weeks maybe four for most of that

276

00:12:04,870 --> 00:12:02,000

to go down and you're still a little on

277

00:12:07,590 --> 00:12:04,880

the chipmunk side but and then you you

278

00:12:08,870 --> 00:12:07,600

tend to lose a lot of water and so

279

00:12:10,949 --> 00:12:08,880

so your

280

00:12:12,710 --> 00:12:10,959

the the size of your legs kind of shrink

281

00:12:14,230 --> 00:12:12,720

down to what look like little pickle

282

00:12:17,190 --> 00:12:14,240

sticks

283

00:12:19,030 --> 00:12:17,200

uh but the amazing thing that happens is

284

00:12:19,910 --> 00:12:19,040

after about two and a half maybe three

285

00:12:21,910 --> 00:12:19,920

months

286

00:12:25,350 --> 00:12:21,920

all the skin on the bottom of your feet

287

00:12:27,670 --> 00:12:25,360

peels off and you lose all your calluses

288

00:12:31,269 --> 00:12:27,680

and the bottoms of your feet are just as

289

00:12:33,590 --> 00:12:31,279

soft and tender as a baby's bottom

290

00:12:35,990 --> 00:12:33,600

so it's the the outer space exfoliation

291

00:12:37,990 --> 00:12:36,000

treatment the outer space exfoliation

292

00:12:39,670 --> 00:12:38,000

treatment it's an outer space

293

00:12:42,069 --> 00:12:39,680

exfoliation treatment and i'll tell you

294

00:12:44,230 --> 00:12:42,079

what happens you develop calluses on the

295

00:12:46,230 --> 00:12:44,240

top of your feet because

296

00:12:48,310 --> 00:12:46,240

you spend a lot of time hooking your

297

00:12:50,150 --> 00:12:48,320

feet into handrails

298

00:12:51,910 --> 00:12:50,160

to to hold yourself in position like

299

00:12:54,310 --> 00:12:51,920

right now my my feet are underneath a

300

00:12:56,310 --> 00:12:54,320

handrail what's really holding me there

301
00:12:58,470 --> 00:12:56,320
is the top of my feet

302
00:13:01,910 --> 00:12:58,480
and the tops of your feet aren't used to

303
00:13:03,269 --> 00:13:01,920
that kind of contact and they get sore

304
00:13:04,870 --> 00:13:03,279
and and

305
00:13:06,389 --> 00:13:04,880
after a

306
00:13:08,949 --> 00:13:06,399
few months of doing this you get all

307
00:13:10,870 --> 00:13:08,959
these calluses on the top of your feet

308
00:13:12,710 --> 00:13:10,880
while you lose all the calluses on the

309
00:13:15,190 --> 00:13:12,720
bottom of your feet

310
00:13:17,430 --> 00:13:15,200
don tell us a little bit about your trip

311
00:13:19,910 --> 00:13:17,440
into space obviously we're now using the

312
00:13:21,829 --> 00:13:19,920
russian space program to help get crews

313
00:13:24,310 --> 00:13:21,839

to the international space station

314

00:13:28,069 --> 00:13:24,320

what's it like going through their

315

00:13:30,230 --> 00:13:28,079

program to access the iss versus the old

316

00:13:33,430 --> 00:13:30,240

way that we have traditionally known the

317

00:13:34,629 --> 00:13:33,440

old way that we have traditionally known

318

00:13:36,870 --> 00:13:34,639

well

319

00:13:38,870 --> 00:13:36,880

there are more similarities

320

00:13:41,990 --> 00:13:38,880

in the space programs and there are

321

00:13:44,230 --> 00:13:42,000

differences and i i think it's because

322

00:13:45,910 --> 00:13:44,240

the technology is

323

00:13:47,750 --> 00:13:45,920

pretty much on par

324

00:13:50,550 --> 00:13:47,760

you have to get in a rocket and you have

325

00:13:53,030 --> 00:13:50,560

to blast off and it's a highly dynamic

326

00:13:55,509 --> 00:13:53,040

environment and you have a short period

327

00:13:58,069 --> 00:13:55,519

of time to make decisions and so you

328

00:14:00,629 --> 00:13:58,079

have to do a lot of training for

329

00:14:03,910 --> 00:14:00,639

for a possible maladies so that you know

330

00:14:06,949 --> 00:14:03,920

how to respond and the the russian

331

00:14:09,990 --> 00:14:06,959

training program is quite similar to our

332

00:14:13,269 --> 00:14:10,000

training program we we do simulator runs

333

00:14:14,230 --> 00:14:13,279

we do classroom training we have exams

334

00:14:23,269 --> 00:14:14,240

uh

335

00:14:27,269 --> 00:14:23,279

russia we go into quarantine and

336

00:14:29,430 --> 00:14:27,279

baikonur and then uh uh the the human

337

00:14:31,910 --> 00:14:29,440

emotion content is also similar when

338

00:14:34,470 --> 00:14:31,920

you're walking out to your rocket

339

00:14:35,750 --> 00:14:34,480

there's a lot of dynamics going on in

340

00:14:37,910 --> 00:14:35,760

your heart

341

00:14:39,269 --> 00:14:37,920

that says that you're a human being and

342

00:14:40,710 --> 00:14:39,279

you're getting ready to blast off of

343

00:14:43,269 --> 00:14:40,720

this planet

344

00:14:46,069 --> 00:14:43,279

as a human being and one who

345

00:14:48,870 --> 00:14:46,079

gets to experience the excitement of

346

00:14:54,470 --> 00:14:48,880

space which do you prefer being in space

347

00:14:58,949 --> 00:14:55,750

oh gosh

348

00:15:02,550 --> 00:14:58,959

i i'd hate to have to choose uh i'll be

349

00:15:05,670 --> 00:15:02,560

greedy and say i i want to do both

350

00:15:08,629 --> 00:15:05,680

i i will say that ultimately you have to

351
00:15:10,150 --> 00:15:08,639
be where your family is and my family is

352
00:15:12,470 --> 00:15:10,160
on earth

353
00:15:14,870 --> 00:15:12,480
if we had the technology

354
00:15:15,990 --> 00:15:14,880
which hopefully some time in the future

355
00:15:19,269 --> 00:15:16,000
we will

356
00:15:22,310 --> 00:15:19,279
i'd load my family on the next rocket

357
00:15:24,550 --> 00:15:22,320
and immigrate into space and possibly

358
00:15:27,350 --> 00:15:24,560
never even come back to earth but we

359
00:15:29,990 --> 00:15:27,360
don't have that technology today so

360
00:15:31,910 --> 00:15:30,000
so i'm earthbound after this mission

361
00:15:34,150 --> 00:15:31,920
well your family some of it may be in

362
00:15:37,189 --> 00:15:34,160
houston texas but you grew up here in

363
00:15:39,030 --> 00:15:37,199

oregon and we consider you an oregonian

364

00:15:41,829 --> 00:15:39,040

tell us a little bit about what it was

365

00:15:47,269 --> 00:15:41,839

like growing up in silverton and how it

366

00:15:52,629 --> 00:15:50,069

well silverton

367

00:15:54,870 --> 00:15:52,639

i i've got a a special place in my heart

368

00:15:57,269 --> 00:15:54,880

for silverton it's a small town it's a

369

00:15:59,509 --> 00:15:57,279

long and farming community people work

370

00:16:01,430 --> 00:15:59,519

really hard and

371

00:16:04,230 --> 00:16:01,440

there's all kinds of opportunity for

372

00:16:06,470 --> 00:16:04,240

kids growing up to learn real world

373

00:16:09,350 --> 00:16:06,480

skills you can you get yourself an old

374

00:16:12,230 --> 00:16:09,360

jalopy you can have a motor scooter you

375

00:16:13,430 --> 00:16:12,240

can uh have a go-cart you can you can

376

00:16:15,749 --> 00:16:13,440

you can

377

00:16:17,509 --> 00:16:15,759

work on your lawnmower engines and and

378

00:16:21,670 --> 00:16:17,519

all of these skills

379

00:16:24,310 --> 00:16:21,680

uh help you in the real world and then

380

00:16:26,790 --> 00:16:24,320

uh during the summers you can work and

381

00:16:29,350 --> 00:16:26,800

you you can work doing meaningful jobs

382

00:16:30,470 --> 00:16:29,360

on the farms uh in in the logging

383

00:16:33,590 --> 00:16:30,480

industry

384

00:16:35,430 --> 00:16:33,600

and and these meaningful jobs pay quite

385

00:16:37,269 --> 00:16:35,440

well so you can make some money and you

386

00:16:39,350 --> 00:16:37,279

can use that to help pay your way

387

00:16:41,509 --> 00:16:39,360

through college or

388

00:16:45,829 --> 00:16:41,519

buy more jalopy parts

389

00:16:49,670 --> 00:16:45,839

and and that environment i found gave me

390

00:16:52,790 --> 00:16:49,680

everything i needed to go off and and uh

391

00:16:54,470 --> 00:16:52,800

do whatever i needed to do in the world

392

00:16:57,749 --> 00:16:54,480

well for children

393

00:17:01,030 --> 00:16:57,759

in silverton or in corvallis or really

394

00:17:03,350 --> 00:17:01,040

anywhere how can we get them excited

395

00:17:06,069 --> 00:17:03,360

about the space program when so much in

396

00:17:07,909 --> 00:17:06,079

the news lately has been about

397

00:17:13,029 --> 00:17:07,919

what's going away how do we get them

398

00:17:19,510 --> 00:17:16,470

well one thing to focus on is

399

00:17:22,949 --> 00:17:19,520

focus on what is to come and for example

400

00:17:25,590 --> 00:17:22,959

the the shuttle program has ended but we

401
00:17:28,549 --> 00:17:25,600
are in the process of making a new

402
00:17:30,950 --> 00:17:28,559
generation of rockets and these rockets

403
00:17:34,070 --> 00:17:30,960
are designed from the ground up so to

404
00:17:37,190 --> 00:17:34,080
speak to take human beings not only into

405
00:17:40,310 --> 00:17:37,200
low earth orbit but also away from the

406
00:17:42,549 --> 00:17:40,320
planet and and that gives us an amazing

407
00:17:45,990 --> 00:17:42,559
opportunity now

408
00:17:49,510 --> 00:17:46,000
to explore other aspects of our solar

409
00:17:52,870 --> 00:17:49,520
system so i see the future of space to

410
00:17:55,669 --> 00:17:52,880
be bright it's something that has a and

411
00:17:58,070 --> 00:17:55,679
a special attraction for students

412
00:18:01,270 --> 00:17:58,080
and and it's something that that i

413
00:18:03,669 --> 00:18:01,280

encourage students to take the hard

414

00:18:06,549 --> 00:18:03,679

classes in in school take the math take

415

00:18:11,110 --> 00:18:06,559

the science the physics the engineering

416

00:18:12,789 --> 00:18:11,120

and and when you're ready come do my job

417

00:18:14,470 --> 00:18:12,799

your job you still obviously have a

418

00:18:16,390 --> 00:18:14,480

couple months left to do it do you think

419

00:18:18,789 --> 00:18:16,400

this is your last time in space will you

420

00:18:22,390 --> 00:18:18,799

get to go back or maybe even further

421

00:18:27,590 --> 00:18:25,590

well i'm i'm ready to go back into space

422

00:18:29,430 --> 00:18:27,600

at the drop of a hat and we'll just have

423

00:18:32,630 --> 00:18:29,440

to see what the opportunities are we've

424

00:18:34,630 --> 00:18:32,640

got a a heap of uh younger folks coming

425

00:18:37,270 --> 00:18:34,640

in to the astronaut office and all of

426

00:18:40,830 --> 00:18:37,280

them want to fly into space and and so

427

00:18:43,990 --> 00:18:40,840

we have to be willing to uh to spread

428

00:18:46,070 --> 00:18:44,000

the fundness around so

429

00:18:48,630 --> 00:18:46,080

so we'll see whether another opportunity

430

00:18:50,789 --> 00:18:48,640

comes around if it does i'll be willing

431

00:18:52,150 --> 00:18:50,799

if it doesn't i've had a wonderful

432

00:18:53,669 --> 00:18:52,160

career

433

00:18:55,830 --> 00:18:53,679

all right you're we're just getting

434

00:18:57,190 --> 00:18:55,840

wrapped up here don what is your what do

435

00:18:59,750 --> 00:18:57,200

you want to say to the folks here in

436

00:19:02,630 --> 00:18:59,760

oregon who remember you growing up with

437

00:19:04,950 --> 00:19:02,640

them or are so proud of what you've

438

00:19:06,630 --> 00:19:04,960

accomplished from the community and

439

00:19:11,029 --> 00:19:06,640

where you came what message would you

440

00:19:16,549 --> 00:19:13,830

well one one message is is i think

441

00:19:19,669 --> 00:19:16,559

education is the key to doing everything

442

00:19:23,510 --> 00:19:19,679

cool in life and i appreciate the fact

443

00:19:25,830 --> 00:19:23,520

that oregon has valued education

444

00:19:27,669 --> 00:19:25,840

and uh and i know there's a lot of

445

00:19:29,830 --> 00:19:27,679

taxpayers at grumble when it comes time

446

00:19:31,830 --> 00:19:29,840

to pay your taxes particularly the

447

00:19:34,870 --> 00:19:31,840

school taxes because they they they're

448

00:19:37,750 --> 00:19:34,880

they're not cheap but but those school

449

00:19:40,549 --> 00:19:37,760

taxes are what gives the next generation

450

00:19:41,750 --> 00:19:40,559

a chance to go off and do things so so

451

00:19:43,750 --> 00:19:41,760

that's something that i really

452

00:19:46,630 --> 00:19:43,760

appreciate

453

00:19:48,310 --> 00:19:46,640

the oregonians that gave me the

454

00:19:50,789 --> 00:19:48,320

opportunity to get the education that

455

00:19:52,549 --> 00:19:50,799

allowed me to be where i am now

456

00:19:54,470 --> 00:19:52,559

don pettit graduate of silverton high

457

00:19:56,470 --> 00:19:54,480

and oregon state university joining us

458

00:19:58,470 --> 00:19:56,480

from the international space station don

459

00:20:02,950 --> 00:19:58,480

thank you so much and we look forward to

460

00:20:08,310 --> 00:20:05,510

it's been a pleasure talking to you and

461

00:20:09,750 --> 00:20:08,320

and i i do want to add that we flew over

462

00:20:12,710 --> 00:20:09,760

crater lake

463

00:20:15,029 --> 00:20:12,720

a couple days ago and looking down that

464

00:20:17,510 --> 00:20:15,039

is just an amazing sight to see from

465

00:20:19,510 --> 00:20:17,520

from from orbit

466

00:20:21,909 --> 00:20:19,520

uh we can only imagine how great it is

467

00:20:23,830 --> 00:20:21,919

in person here on uh here on land only

468

00:20:27,750 --> 00:20:23,840

to see it from space don thank you so

469

00:20:31,350 --> 00:20:29,350

bye now

470

00:20:32,830 --> 00:20:31,360

station this is houston acr that

471

00:20:38,230 --> 00:20:32,840

concludes the event thank

472

00:20:40,710 --> 00:20:38,240

you thank you kex radio and koin tv