



PORT

OSAGE
99

NOD 2

1
00:00:06,789 --> 00:00:01,990
station this is mike williams at school

2
00:00:11,110 --> 00:00:08,710
mike in school of the osage i hear you

3
00:00:21,109 --> 00:00:11,120
loud and clear

4
00:00:28,870 --> 00:00:23,029
we will go ahead and start in with our

5
00:00:32,790 --> 00:00:31,109
yeah mike it's great to hear your voice

6
00:00:33,990 --> 00:00:32,800
and i'm very happy that we've got the

7
00:00:36,069 --> 00:00:34,000
opportunity to do this i was getting a

8
00:00:37,670 --> 00:00:36,079
little worried because i've only got

9
00:00:39,910 --> 00:00:37,680
less than two weeks left up here so i'm

10
00:00:45,350 --> 00:00:39,920
very happy to speak to uh to everybody

11
00:00:49,110 --> 00:00:46,790
colonel hopkins my name is devin

12
00:00:50,869 --> 00:00:49,120
scrivner i believe the administration at

13
00:00:53,110 --> 00:00:50,879

school the osage chose my question based

14

00:00:55,270 --> 00:00:53,120

on academic merit alone

15

00:00:57,270 --> 00:00:55,280

the question is as follows do you ever

16

00:01:03,750 --> 00:00:57,280

feel like superman pushing off the walls

17

00:01:08,310 --> 00:01:05,990

well i don't know if i if i could say

18

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

superman but certainly flying around the

19

00:01:12,469 --> 00:01:10,400

space station is is absolutely fantastic

20

00:01:13,830 --> 00:01:12,479

it's one of my my favorite things but in

21

00:01:15,270 --> 00:01:13,840

terms of the strength and all that you

22

00:01:16,630 --> 00:01:15,280

get put down to earth pretty quick as

23

00:01:19,590 --> 00:01:16,640

soon as we get on our weight machine up

24

00:01:29,350 --> 00:01:19,600

here and try and lift some weights

25

00:01:33,270 --> 00:01:31,109

hello there my name is michael minahan i

26
00:01:34,950 --> 00:01:33,280
have a question for you rick what is the

27
00:01:40,069 --> 00:01:34,960
most amazing thing you have seen in

28
00:01:44,230 --> 00:01:42,710
that is a perfect question for for today

29
00:01:45,910 --> 00:01:44,240
because last night

30
00:01:47,510 --> 00:01:45,920
mike and i were in the node three this

31
00:01:49,510 --> 00:01:47,520
is where we wash up we were brushing our

32
00:01:51,109 --> 00:01:49,520
teeth getting ready to go to bed and we

33
00:01:53,030 --> 00:01:51,119
were about to close the windows on the

34
00:01:54,630 --> 00:01:53,040
cupola and we looked out and we could

35
00:01:57,109 --> 00:01:54,640
see the southern lights we were on the

36
00:01:58,550 --> 00:01:57,119
southern tip of africa i believe and

37
00:02:01,270 --> 00:01:58,560
it's starting to turn and head north and

38
00:02:03,190 --> 00:02:01,280

we could see south of us all these great

39

00:02:05,109 --> 00:02:03,200

aurora the southern lights aurora

40

00:02:06,950 --> 00:02:05,119

australia's and it was just an

41

00:02:09,029 --> 00:02:06,960

incredible light show and then we could

42

00:02:10,550 --> 00:02:09,039

see a little bit of the sun as the sun

43

00:02:12,470 --> 00:02:10,560

began to rise we could see this blue

44

00:02:14,070 --> 00:02:12,480

line we could see this green haze we

45

00:02:16,309 --> 00:02:14,080

could see these red lines shooting off

46

00:02:18,869 --> 00:02:16,319

the off the planet and then we could see

47

00:02:20,710 --> 00:02:18,879

the star or the planet venus rising

48

00:02:22,309 --> 00:02:20,720

through all of it and then

49

00:02:24,309 --> 00:02:22,319

then we got the crescent moon coming

50

00:02:25,430 --> 00:02:24,319

through and it was an incredible show

51
00:02:29,830 --> 00:02:25,440
and that's something i don't think

52
00:02:29,840 --> 00:02:35,190
thank you

53
00:02:38,869 --> 00:02:36,869
hi my name is james coats and i'd like

54
00:02:43,110 --> 00:02:38,879
to know how you handle interpersonal

55
00:02:47,030 --> 00:02:44,790
yeah you know that's that's absolutely

56
00:02:49,030 --> 00:02:47,040
fantastic question because

57
00:02:51,030 --> 00:02:49,040
communication is is the way you handle

58
00:02:52,309 --> 00:02:51,040
those and and that can be difficult

59
00:02:53,910 --> 00:02:52,319
sometimes

60
00:02:56,070 --> 00:02:53,920
so you always have to

61
00:02:57,509 --> 00:02:56,080
to be able to communicate amongst us up

62
00:02:59,990 --> 00:02:57,519
here but but probably even more

63
00:03:02,229 --> 00:03:00,000

importantly is how we communicate with

64

00:03:04,229 --> 00:03:02,239

the ground and so you need to make sure

65

00:03:06,869 --> 00:03:04,239

you keep those lines of communication

66

00:03:08,470 --> 00:03:06,879

open and sometimes that can be difficult

67

00:03:09,589 --> 00:03:08,480

because of course we we don't see the

68

00:03:11,830 --> 00:03:09,599

ground

69

00:03:13,430 --> 00:03:11,840

and so our only interaction with them is

70

00:03:15,670 --> 00:03:13,440

for the most part over the space to

71

00:03:21,589 --> 00:03:15,680

ground loops

72

00:03:24,710 --> 00:03:23,190

hello i'm amy extreme and i would like

73

00:03:26,149 --> 00:03:24,720

to know um how messed up have your

74

00:03:31,190 --> 00:03:26,159

sleeping patterns gotten while you're in

75

00:03:34,789 --> 00:03:33,270

well our sleeping patterns are actually

76

00:03:36,390 --> 00:03:34,799

pretty normal up here we follow a

77

00:03:39,110 --> 00:03:36,400

standard 24-hour day even though we're

78

00:03:40,949 --> 00:03:39,120

going around the earth 16 times a day we

79

00:03:43,190 --> 00:03:40,959

follow a pretty standard day that we

80

00:03:46,710 --> 00:03:43,200

that everybody or most folks follow back

81

00:03:48,789 --> 00:03:46,720

on on earth uh we we're up uh we work uh

82

00:03:51,430 --> 00:03:48,799

12-hour days we get a couple hours of

83

00:03:52,949 --> 00:03:51,440

free time to eat dinner and relax and

84

00:03:54,630 --> 00:03:52,959

then we get about eight eight and a half

85

00:03:57,030 --> 00:03:54,640

hours of sleep time of course we don't

86

00:03:58,390 --> 00:03:57,040

need to sleep that much but at night

87

00:03:59,670 --> 00:03:58,400

when it's time to go to bed we basically

88

00:04:01,270 --> 00:03:59,680

turn all the lights off here in the

89

00:04:03,190 --> 00:04:01,280

space station and we crawl into our

90

00:04:04,550 --> 00:04:03,200

small crew quarters and go to sleep no

91

00:04:06,630 --> 00:04:04,560

problem it's very very comfortable

92

00:04:15,110 --> 00:04:06,640

sleeping up here

93

00:04:19,830 --> 00:04:17,670

i'm david warmuth uh mike who do you

94

00:04:23,590 --> 00:04:19,840

give thanks to for helping you reach

95

00:04:28,070 --> 00:04:25,430

well first and foremost is god and then

96

00:04:30,310 --> 00:04:28,080

i'd have to say my parents and and then

97

00:04:32,629 --> 00:04:30,320

my wife and kids and certainly without

98

00:04:34,629 --> 00:04:32,639

any of those i wouldn't be here

99

00:04:36,550 --> 00:04:34,639

today and and i i do want to give a

100

00:04:37,590 --> 00:04:36,560

special thanks to to my wife and kids

101
00:04:39,430 --> 00:04:37,600
because

102
00:04:42,550 --> 00:04:39,440
they've certainly borne a lot of the

103
00:04:43,830 --> 00:04:42,560
brunt of the time away and all of that

104
00:04:46,070 --> 00:04:43,840
during the training and then of course

105
00:04:47,430 --> 00:04:46,080
while i'm up here as well so that's i

106
00:04:49,909 --> 00:04:47,440
guess that's who i would give thanks to

107
00:04:49,919 --> 00:04:56,230
thanks

108
00:05:00,070 --> 00:04:58,870
hi my name is ashlynn doyle um what does

109
00:05:01,670 --> 00:05:00,080
it feel like knowing you're up there

110
00:05:07,189 --> 00:05:01,680
above earth and life is continuing down

111
00:05:09,830 --> 00:05:08,550
yeah that's interesting there's a lot of

112
00:05:11,590 --> 00:05:09,840
different ways i can answer that

113
00:05:13,189 --> 00:05:11,600

question of course uh you know i'm

114

00:05:14,629 --> 00:05:13,199

missing a lot of things back at home we

115

00:05:16,710 --> 00:05:14,639

were up here for the holidays for

116

00:05:17,990 --> 00:05:16,720

thanksgiving and for christmas

117

00:05:19,110 --> 00:05:18,000

uh and those are the kind of things that

118

00:05:20,550 --> 00:05:19,120

are the hardest when you know the

119

00:05:22,070 --> 00:05:20,560

families getting together and your

120

00:05:23,510 --> 00:05:22,080

friends and family are getting together

121

00:05:24,390 --> 00:05:23,520

and they're having a good time without

122

00:05:27,749 --> 00:05:24,400

you

123

00:05:30,150 --> 00:05:27,759

missing something and so that makes it

124

00:05:32,469 --> 00:05:30,160

hard to be up here but the you know the

125

00:05:33,830 --> 00:05:32,479

trade-off is we get to do this fantastic

126

00:05:35,590 --> 00:05:33,840

work up here we get to live in this

127

00:05:37,189 --> 00:05:35,600

incredible environment and we get to get

128

00:05:39,590 --> 00:05:37,199

see the beautiful things we see out the

129

00:05:41,110 --> 00:05:39,600

window so you know it's a trade-off like

130

00:05:42,629 --> 00:05:41,120

everything else it's a trade-off but i

131

00:05:44,390 --> 00:05:42,639

think i think we got the better end of

132

00:05:49,990 --> 00:05:44,400

the deal

133

00:05:53,189 --> 00:05:51,110

um

134

00:05:54,710 --> 00:05:53,199

hello my name is jessica smith my

135

00:06:00,550 --> 00:05:54,720

question for you is what does it take to

136

00:06:03,990 --> 00:06:02,230

yeah you know uh

137

00:06:05,270 --> 00:06:04,000

to to be an astronaut one it takes a

138

00:06:06,870 --> 00:06:05,280

little bit of luck

139

00:06:09,590 --> 00:06:06,880

and and two i think it takes

140

00:06:11,830 --> 00:06:09,600

perseverance and hard work and uh you

141

00:06:13,830 --> 00:06:11,840

know i i applied four times before i was

142

00:06:14,870 --> 00:06:13,840

selected i think rick was was the same

143

00:06:16,390 --> 00:06:14,880

way

144

00:06:18,950 --> 00:06:16,400

so you can't get discouraged you got to

145

00:06:20,950 --> 00:06:18,960

be patient and you got to work hard in

146

00:06:22,550 --> 00:06:20,960

school and and whatever job that you do

147

00:06:24,550 --> 00:06:22,560

afterwards and probably most important

148

00:06:25,909 --> 00:06:24,560

part about that job whatever you go into

149

00:06:27,510 --> 00:06:25,919

is that it's something that you love and

150

00:06:29,909 --> 00:06:27,520

you're passionate about

151
00:06:31,189 --> 00:06:29,919
and and then you know if you get the

152
00:06:41,189 --> 00:06:31,199
chance to be an astronaut that'll all

153
00:06:46,150 --> 00:06:42,710
hey um

154
00:06:47,510 --> 00:06:46,160
hi i'm in j robinette and

155
00:06:55,430 --> 00:06:47,520
is it hard to swallow food up there

156
00:06:59,670 --> 00:06:57,510
yeah fortunately uh to swallow food

157
00:07:03,029 --> 00:06:59,680
isn't isn't uh any harder up here than

158
00:07:05,110 --> 00:07:03,039
it than it is down on earth and so very

159
00:07:13,830 --> 00:07:05,120
fortunate that way

160
00:07:23,029 --> 00:07:15,510
hi i'm nicole and i was wondering if you

161
00:07:26,870 --> 00:07:25,029
uh cute food oh space food do we get

162
00:07:28,710 --> 00:07:26,880
tired of space food

163
00:07:31,189 --> 00:07:28,720

well we got a lot a wide variety of

164

00:07:34,150 --> 00:07:31,199

space food you know here's uh we got

165

00:07:36,150 --> 00:07:34,160

barbecued beef brisket we got tortillas

166

00:07:39,830 --> 00:07:36,160

here here's an example of uh these are

167

00:07:41,350 --> 00:07:39,840

freeze-dried italian vegetables

168

00:07:43,270 --> 00:07:41,360

you know and then some some of the food

169

00:07:45,350 --> 00:07:43,280

comes in just its normal form here's an

170

00:07:47,350 --> 00:07:45,360

energy bar for example so we get all

171

00:07:49,110 --> 00:07:47,360

different types of food we got all

172

00:07:51,270 --> 00:07:49,120

different types of drink here's a drink

173

00:07:53,110 --> 00:07:51,280

bag you know we can't pour our drinks in

174

00:07:55,990 --> 00:07:53,120

a cup so they all come up in bags like

175

00:07:58,309 --> 00:07:56,000

this so we got a wide variety of food

176

00:07:59,589 --> 00:07:58,319

but the thing i think uh that we do miss

177

00:08:02,390 --> 00:07:59,599

is our favorite foods you know it would

178

00:08:04,230 --> 00:08:02,400

be great to have uh you know some uh you

179

00:08:06,710 --> 00:08:04,240

know my wife makes some great pasta a

180

00:08:08,950 --> 00:08:06,720

great pizza or a good steak dinner or

181

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

some fresh vegetables a salad things

182

00:08:12,230 --> 00:08:10,560

like that so we miss a lot of those kind

183

00:08:14,869 --> 00:08:12,240

of things but we do have a pretty good

184

00:08:20,869 --> 00:08:14,879

selection of food up here

185

00:08:24,230 --> 00:08:22,790

hi my name is michaela and i was

186

00:08:28,629 --> 00:08:24,240

wondering what does the sunrise look

187

00:08:32,870 --> 00:08:30,230

yeah the sunrise so rick mentioned that

188

00:08:35,110 --> 00:08:32,880

we go around the earth 16 times a day so

189

00:08:35,829 --> 00:08:35,120

we get to see a lot of sunrises and and

190

00:08:37,350 --> 00:08:35,839

they

191

00:08:38,870 --> 00:08:37,360

truly are incredible

192

00:08:40,870 --> 00:08:38,880

basically what you'll see at the limit

193

00:08:42,230 --> 00:08:40,880

of the earth is you'll you'll it'll be

194

00:08:44,470 --> 00:08:42,240

very dark and then you'll start to see

195

00:08:45,910 --> 00:08:44,480

just this very thin line of blue and

196

00:08:47,910 --> 00:08:45,920

that thin line of blue will just get a

197

00:08:50,230 --> 00:08:47,920

little bigger a little bigger and then

198

00:08:52,230 --> 00:08:50,240

you'll start to see some some orangish

199

00:08:53,750 --> 00:08:52,240

red come in there and that'll start to

200

00:08:55,509 --> 00:08:53,760

grow a little bit as well and you can

201

00:08:57,269 --> 00:08:55,519

start to see pick out some clouds

202

00:08:59,030 --> 00:08:57,279

that'll be a little darker in there and

203

00:09:01,670 --> 00:08:59,040

then all of a sudden the sun will come

204

00:09:02,790 --> 00:09:01,680

up and and it'll just be this blinding

205

00:09:05,030 --> 00:09:02,800

light

206

00:09:06,829 --> 00:09:05,040

very very bright and and so they're

207

00:09:12,790 --> 00:09:06,839

absolutely

208

00:09:21,430 --> 00:09:14,310

hi i'm savannah i was wondering what

209

00:09:26,230 --> 00:09:23,670

our daily routine up here is probably

210

00:09:28,150 --> 00:09:26,240

not unlike uh you know what you do what

211

00:09:30,070 --> 00:09:28,160

you do getting ready for school or if

212

00:09:32,310 --> 00:09:30,080

you have a job you know we get up in the

213

00:09:33,590 --> 00:09:32,320

morning we uh get ready for work you

214

00:09:35,030 --> 00:09:33,600

know the only difference is everything

215

00:09:36,389 --> 00:09:35,040

is right here right we're in this small

216

00:09:38,310 --> 00:09:36,399

space station well it's a pretty big

217

00:09:39,670 --> 00:09:38,320

space station but it's all everything's

218

00:09:41,269 --> 00:09:39,680

located right here we get up we get

219

00:09:43,750 --> 00:09:41,279

ready for work we get dressed we eat

220

00:09:45,190 --> 00:09:43,760

some breakfast and we meet with the

221

00:09:46,230 --> 00:09:45,200

ground folks first thing in the morning

222

00:09:47,990 --> 00:09:46,240

and they kind of tell us hey your

223

00:09:50,310 --> 00:09:48,000

schedule's on board we'll be working

224

00:09:52,470 --> 00:09:50,320

with you during the day then we work for

225

00:09:54,070 --> 00:09:52,480

about probably almost 12 hours we work

226
00:09:55,670 --> 00:09:54,080
during the day we work closely with the

227
00:09:57,030 --> 00:09:55,680
ground doing experiments we do

228
00:09:59,030 --> 00:09:57,040
maintenance on the space station

229
00:10:01,110 --> 00:09:59,040
sometimes we just do cleaning up here

230
00:10:03,350 --> 00:10:01,120
and of course we do a lot of exercise we

231
00:10:05,509 --> 00:10:03,360
lift weights on a resistive device we

232
00:10:06,949 --> 00:10:05,519
run on a treadmill or we exercise on an

233
00:10:09,430 --> 00:10:06,959
exercise bike that's about two and a

234
00:10:11,590 --> 00:10:09,440
half hours of our day every day

235
00:10:12,870 --> 00:10:11,600
and then after at the end of the day we

236
00:10:15,430 --> 00:10:12,880
have another meeting with the with the

237
00:10:17,269 --> 00:10:15,440
ground folks to discuss any issues that

238
00:10:19,030 --> 00:10:17,279

are outstanding for the work that we

239

00:10:21,190 --> 00:10:19,040

accomplished during the day and then we

240

00:10:22,069 --> 00:10:21,200

get a couple hours to relax eat some

241

00:10:24,310 --> 00:10:22,079

dinner

242

00:10:27,269 --> 00:10:24,320

and then we go to bed sleep for eight

243

00:10:32,630 --> 00:10:27,279

hours and repeat

244

00:10:35,750 --> 00:10:34,230

hi i'm emily and i would like to know

245

00:10:41,829 --> 00:10:35,760

what your favorite part about being in

246

00:10:45,430 --> 00:10:43,590

uh you know that's pretty easy for me

247

00:10:47,190 --> 00:10:45,440

and i would say it's floating i

248

00:10:49,430 --> 00:10:47,200

absolutely love floating around it's

249

00:10:50,790 --> 00:10:49,440

something that never gets old

250

00:10:53,110 --> 00:10:50,800

you enjoy it

251
00:10:54,710 --> 00:10:53,120
even when you're working and floating

252
00:10:55,829 --> 00:10:54,720
allows you to do things that obviously

253
00:10:57,190 --> 00:10:55,839
you can't do

254
00:10:59,590 --> 00:10:57,200
down on earth

255
00:11:01,350 --> 00:10:59,600
for example when you're working on uh

256
00:11:02,949 --> 00:11:01,360
when you're working on a

257
00:11:05,030 --> 00:11:02,959
an experiment or something like that you

258
00:11:07,269 --> 00:11:05,040
can put yourself in a position or an

259
00:11:09,350 --> 00:11:07,279
orientation that fits whatever job

260
00:11:11,509 --> 00:11:09,360
you're doing and oftentimes that means

261
00:11:13,269 --> 00:11:11,519
you'll be standing on the ceiling upside

262
00:11:15,509 --> 00:11:13,279
down that but really there's no upside

263
00:11:30,949 --> 00:11:15,519

down up here

264

00:11:30,959 --> 00:11:35,030

he likes hanging from the ceiling

265

00:11:43,269 --> 00:11:37,110

hi my name is abby what is the funniest

266

00:11:48,150 --> 00:11:45,829

the funniest thing about being in space

267

00:11:50,949 --> 00:11:48,160

uh i don't know you know we have a good

268

00:11:53,269 --> 00:11:50,959

time uh as a crew we kind of joke with

269

00:11:54,470 --> 00:11:53,279

each other and uh sometimes we joke with

270

00:11:55,910 --> 00:11:54,480

the ground a little bit it's a little

271

00:11:57,990 --> 00:11:55,920

more difficult sometimes because they're

272

00:12:00,150 --> 00:11:58,000

so far away but i think uh you know the

273

00:12:02,069 --> 00:12:00,160

camaraderie that we share up here is you

274

00:12:04,230 --> 00:12:02,079

know living up here in this small close

275

00:12:06,230 --> 00:12:04,240

quarters for about four months almost

276

00:12:08,310 --> 00:12:06,240

five months together so i think we have

277

00:12:09,509 --> 00:12:08,320

a good time and we kind of laugh

278

00:12:11,590 --> 00:12:09,519

every once in a while the ground will

279

00:12:14,150 --> 00:12:11,600

send us up a tv show and so we'll have a

280

00:12:19,030 --> 00:12:14,160

good laugh with that also

281

00:12:23,110 --> 00:12:21,269

hi my name is audrey carson and i wanted

282

00:12:27,509 --> 00:12:23,120

to know when you decided to become an

283

00:12:31,750 --> 00:12:30,389

yeah that's easy actually i decided or i

284

00:12:33,030 --> 00:12:31,760

wanted to be an astronaut when i was

285

00:12:34,069 --> 00:12:33,040

sitting in the seat you guys are in

286

00:12:36,150 --> 00:12:34,079

right now

287

00:12:38,389 --> 00:12:36,160

so back in high school that was the

288

00:12:40,629 --> 00:12:38,399

early days of the space shuttle program

289

00:12:42,310 --> 00:12:40,639

and uh watching you know six seven

290

00:12:44,069 --> 00:12:42,320

launches of the space shuttle every year

291

00:12:46,150 --> 00:12:44,079

and and seeing the astronauts working in

292

00:12:47,670 --> 00:12:46,160

the shuttle and outside the shuttle i

293

00:12:50,389 --> 00:12:47,680

just it looked like something that would

294

00:12:52,470 --> 00:12:50,399

be absolutely fantastic to do and uh and

295

00:12:57,110 --> 00:12:52,480

it is

296

00:13:08,870 --> 00:12:59,670

hi my name is emily um what is your most

297

00:13:14,470 --> 00:13:12,870

my most embarrassing moment in space uh

298

00:13:16,069 --> 00:13:14,480

oh like i don't know that's a tough

299

00:13:17,430 --> 00:13:16,079

question you know i guess you know it's

300

00:13:18,790 --> 00:13:17,440

always embarrassing when you're working

301

00:13:20,550 --> 00:13:18,800

with the ground

302

00:13:22,470 --> 00:13:20,560

and if you uh you know you make a

303

00:13:23,910 --> 00:13:22,480

mistake or an obvious mistake it's not

304

00:13:25,509 --> 00:13:23,920

uncommon for me to be reading a

305

00:13:27,590 --> 00:13:25,519

procedure and i'll call the ground and

306

00:13:28,710 --> 00:13:27,600

say hey you know houston what does this

307

00:13:30,230 --> 00:13:28,720

mean or what does that mean and they'll

308

00:13:31,990 --> 00:13:30,240

say well look at the figure in the next

309

00:13:34,550 --> 00:13:32,000

line i'll say oh okay yeah that makes

310

00:13:36,230 --> 00:13:34,560

sense and so sometimes uh you know

311

00:13:37,829 --> 00:13:36,240

you don't read a procedure properly or

312

00:13:39,269 --> 00:13:37,839

carefully and the ground has to remind

313

00:13:40,870 --> 00:13:39,279

you that it's it's written right in the

314

00:13:42,389 --> 00:13:40,880

procedure but uh

315

00:13:44,150 --> 00:13:42,399

little things like that are you know or

316

00:13:45,910 --> 00:13:44,160

nothing to be ashamed of or nothing to

317

00:13:48,150 --> 00:13:45,920

worry about because you can't be too

318

00:13:50,230 --> 00:13:48,160

proud up here you got to be you got to

319

00:13:51,269 --> 00:13:50,240

got to realize that you're human you're

320

00:13:52,710 --> 00:13:51,279

going to make mistakes just because

321

00:13:54,389 --> 00:13:52,720

you're up in space doesn't make you any

322

00:13:56,310 --> 00:13:54,399

any more different than all the folks on

323

00:14:00,069 --> 00:13:56,320

the ground and we make mistakes on a

324

00:14:00,079 --> 00:14:03,269

thanks

325

00:14:07,590 --> 00:14:05,829

hello colonel hopkins my name is taylor

326

00:14:13,110 --> 00:14:07,600

bales and i was wondering how this has

327

00:14:16,470 --> 00:14:14,790

you know i think

328

00:14:17,910 --> 00:14:16,480

or hopefully it hasn't changed my

329

00:14:19,509 --> 00:14:17,920

personal life too much at all i mean

330

00:14:20,710 --> 00:14:19,519

this is an absolutely incredible

331

00:14:23,350 --> 00:14:20,720

experience it's something i'll never

332

00:14:25,590 --> 00:14:23,360

forget uh but at the in the end uh we're

333

00:14:28,629 --> 00:14:25,600

all the same people we were um you know

334

00:14:30,470 --> 00:14:28,639

when we're on the ground and and so um

335

00:14:32,150 --> 00:14:30,480

you know overall i think we just have to

336

00:14:33,910 --> 00:14:32,160

try and keep it in perspective and and

337

00:14:36,150 --> 00:14:33,920

realize we've been given an incredible

338

00:14:38,629 --> 00:14:36,160

opportunity and a gift and a blessing to

339

00:14:40,310 --> 00:14:38,639

be here and appreciate that and and

340

00:14:42,710 --> 00:14:40,320

share it with as many people as we can

341

00:14:45,829 --> 00:14:42,720

but uh really i hope i hope it hasn't

342

00:14:49,030 --> 00:14:45,839

changed changed me that much

343

00:14:53,189 --> 00:14:51,110

hello there my name is kelly zorick and

344

00:14:54,550 --> 00:14:53,199

my question is if you had the chance

345

00:15:00,069 --> 00:14:54,560

would you bring someone in space with

346

00:15:04,069 --> 00:15:02,069

oh yes there are a lot of people i would

347

00:15:06,230 --> 00:15:04,079

bring into space with me uh you know i

348

00:15:08,310 --> 00:15:06,240

know i'm pretty sure my wife would not

349

00:15:10,629 --> 00:15:08,320

come but i know some of my kids my kids

350

00:15:13,030 --> 00:15:10,639

would probably love to come with me and

351

00:15:15,110 --> 00:15:13,040

i know there's probably a lot of folks

352

00:15:17,030 --> 00:15:15,120

down in houston in hudsville and all

353

00:15:18,949 --> 00:15:17,040

around the world who work

354

00:15:20,710 --> 00:15:18,959

on the space program for various

355

00:15:22,389 --> 00:15:20,720

countries and various organizations who

356

00:15:25,189 --> 00:15:22,399

would love to be up here

357

00:15:26,870 --> 00:15:25,199

and uh you know we we do our best to try

358

00:15:28,389 --> 00:15:26,880

to bring them with us in some ways we

359

00:15:30,150 --> 00:15:28,399

bring pictures of folks we bring

360

00:15:31,910 --> 00:15:30,160

pictures of friends and families we

361

00:15:33,910 --> 00:15:31,920

bring pictures of the folks who work

362

00:15:35,350 --> 00:15:33,920

down in the mission control centers and

363

00:15:37,110 --> 00:15:35,360

who work as engineers around the

364

00:15:39,269 --> 00:15:37,120

different centers and we try to bring

365

00:15:40,790 --> 00:15:39,279

some trinkets up with us and share as

366

00:15:42,470 --> 00:15:40,800

much as we can with the folks on the

367

00:15:45,030 --> 00:15:42,480

ground so there's a lot of folks who

368

00:15:47,670 --> 00:15:45,040

want to be up here and hopefully in the

369

00:15:49,509 --> 00:15:47,680

future years hopefully 5 10 15 20 years

370

00:15:51,269 --> 00:15:49,519

from now space will be open to a lot

371

00:15:52,710 --> 00:15:51,279

more people and i think it is going to

372

00:15:57,509 --> 00:15:52,720

be

373

00:16:01,110 --> 00:15:59,749

hi my name's austin and i was wondering

374

00:16:06,389 --> 00:16:01,120

if you've ever worried about what could

375

00:16:10,790 --> 00:16:09,430

uh you know not not really i guess uh

376

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

you know we do a lot of training it

377

00:16:13,829 --> 00:16:12,560

takes two and a half years of training

378

00:16:15,509 --> 00:16:13,839

once you're assigned to a mission and

379

00:16:16,870 --> 00:16:15,519

that doesn't include the the two years

380

00:16:17,990 --> 00:16:16,880

of initial astronaut training that you

381

00:16:19,590 --> 00:16:18,000

go through

382

00:16:21,590 --> 00:16:19,600

and and a lot of that training deals

383

00:16:23,110 --> 00:16:21,600

with safety and how to handle things

384

00:16:25,590 --> 00:16:23,120

when they go wrong

385

00:16:28,069 --> 00:16:25,600

and and so i would say uh most the time

386

00:16:30,389 --> 00:16:28,079

you you don't really think that much or

387

00:16:32,710 --> 00:16:30,399

you don't dwell on on the things that

388

00:16:34,870 --> 00:16:32,720

could go wrong and and then you

389

00:16:36,949 --> 00:16:34,880

typically if something does go wrong you

390

00:16:39,269 --> 00:16:36,959

all you tend to just focus on the

391

00:16:40,550 --> 00:16:39,279

procedure and what the next step is and

392

00:16:42,389 --> 00:16:40,560

really your training kicks in at that

393

00:17:14,549 --> 00:16:42,399

point

394

00:17:14,559 --> 00:17:19,590

and osage are you still with us

395

00:17:23,510 --> 00:17:21,750

hi my name's zach perkins and uh i was

396

00:17:25,110 --> 00:17:23,520

just wondering if you guys would be

397

00:17:29,990 --> 00:17:25,120

quarantined when you were turned to

398

00:17:33,190 --> 00:17:31,590

yeah we don't do quarantine like in the

399

00:17:34,950 --> 00:17:33,200

old uh when they went to the moon the

400

00:17:36,230 --> 00:17:34,960

apollo missions that went to the moon

401
00:17:37,510 --> 00:17:36,240
and landed on the moon when those guys

402
00:17:38,470 --> 00:17:37,520
came back i remember when i was a little

403
00:17:40,470 --> 00:17:38,480
kid watching and they would be

404
00:17:42,390 --> 00:17:40,480
quarantined for several days or a week

405
00:17:44,630 --> 00:17:42,400
or so i don't know the exact number but

406
00:17:47,350 --> 00:17:44,640
no we're not quarantined but uh when we

407
00:17:49,830 --> 00:17:47,360
land we'll land in kazakhstan and over

408
00:17:51,350 --> 00:17:49,840
near russia and they'll fly us uh nasa

409
00:17:53,270 --> 00:17:51,360
will fly us on an airplane back to

410
00:17:55,510 --> 00:17:53,280
houston overnight so we'll get back to

411
00:17:56,950 --> 00:17:55,520
houston about 24 hours after landing and

412
00:17:58,390 --> 00:17:56,960
from there we will get to spend a few

413
00:18:00,470 --> 00:17:58,400

minutes with our say hello to our

414

00:18:03,029 --> 00:18:00,480

families but then we do go to a special

415

00:18:05,430 --> 00:18:03,039

crew quarters for observation for about

416

00:18:06,950 --> 00:18:05,440

overnight for about 24 hours or so and

417

00:18:08,549 --> 00:18:06,960

it's not so much as a quarantine it's

418

00:18:10,070 --> 00:18:08,559

more of us just they can keep an eye on

419

00:18:12,470 --> 00:18:10,080

us and then we also go through a lot of

420

00:18:15,590 --> 00:18:12,480

medical testing a lot of

421

00:18:17,669 --> 00:18:15,600

data and research is is dependent on

422

00:18:20,549 --> 00:18:17,679

them getting blood samples and testing

423

00:18:22,390 --> 00:18:20,559

us in various ways so we do have a bit

424

00:18:24,150 --> 00:18:22,400

of a commitment after we land to the

425

00:18:25,909 --> 00:18:24,160

science that's involved in all of this

426
00:18:27,990 --> 00:18:25,919
into the scientists and the medical

427
00:18:33,430 --> 00:18:28,000
folks

428
00:18:38,549 --> 00:18:35,270
hi my name is ian schoenberg i was

429
00:18:43,190 --> 00:18:38,559
wondering if you guys exercise more on

430
00:18:47,510 --> 00:18:45,669
yeah absolutely uh we exercise as rick

431
00:18:49,430 --> 00:18:47,520
was saying earlier two to two and a half

432
00:18:51,190 --> 00:18:49,440
hours a day at least

433
00:18:52,710 --> 00:18:51,200
and uh but the one thing i would say

434
00:18:54,789 --> 00:18:52,720
that we don't get even as you guys are

435
00:18:56,390 --> 00:18:54,799
walking around on on the ground under

436
00:18:58,789 --> 00:18:56,400
that 1g environment you're you're

437
00:19:00,789 --> 00:18:58,799
getting some exercise and so even though

438
00:19:03,590 --> 00:19:00,799

we exercise probably more than i do on

439

00:19:05,350 --> 00:19:03,600

the ground i think overall um you know

440

00:19:07,190 --> 00:19:05,360

we don't we don't challenge our bodies

441

00:19:09,669 --> 00:19:07,200

as much as we do on earth just because

442

00:19:11,430 --> 00:19:09,679

we don't have that that walking around

443

00:19:13,909 --> 00:19:11,440

and and all of that that you're

444

00:19:22,470 --> 00:19:13,919

experiencing right now

445

00:19:22,480 --> 00:19:31,590

hi i'm gabriel uh what is space madness

446

00:19:35,510 --> 00:19:33,590

uh space madness that sounds like when

447

00:19:38,870 --> 00:19:35,520

when mike eats the last tortilla that

448

00:19:42,549 --> 00:19:38,880

gets us all pretty mad up here but i've

449

00:19:44,390 --> 00:19:42,559

never heard the term space madness

450

00:19:45,830 --> 00:19:44,400

so i'm not sure what that exactly means

451
00:19:47,830 --> 00:19:45,840
i could guess i guess something maybe

452
00:19:49,110 --> 00:19:47,840
comes from a movie or something but you

453
00:19:50,630 --> 00:19:49,120
know i don't know if i've ever seen

454
00:19:52,710 --> 00:19:50,640
space madness up here i have seen

455
00:19:55,110 --> 00:19:52,720
frustration you know frustration is a

456
00:19:56,950 --> 00:19:55,120
not uncommon up here uh when we're

457
00:19:58,710 --> 00:19:56,960
dealing with a lot of different pieces

458
00:20:00,150 --> 00:19:58,720
of hardware and we're communicating with

459
00:20:01,990 --> 00:20:00,160
folks on the ground sometimes we get

460
00:20:03,830 --> 00:20:02,000
frustrated because things don't work the

461
00:20:06,070 --> 00:20:03,840
way we expect them to work or sometimes

462
00:20:07,430 --> 00:20:06,080
we just get tired or sometimes

463
00:20:09,430 --> 00:20:07,440

communication with the ground is just

464

00:20:11,029 --> 00:20:09,440

not working clearly so you know there's

465

00:20:13,990 --> 00:20:11,039

a certain amount of that going on but

466

00:20:18,789 --> 00:20:14,000

i've yet to see any space madness

467

00:20:22,070 --> 00:20:20,549

hi my name is brock henry and what

468

00:20:27,430 --> 00:20:22,080

position did you play in football and

469

00:20:31,350 --> 00:20:29,430

yeah there's there's a lot of memories

470

00:20:33,669 --> 00:20:31,360

from playing football both at osage at

471

00:20:35,510 --> 00:20:33,679

the university of illinois matt osage i

472

00:20:36,710 --> 00:20:35,520

played both quarterback and linebacker

473

00:20:38,470 --> 00:20:36,720

and actually when i was freshman

474

00:20:41,909 --> 00:20:38,480

sophomore i was playing a little bit at

475

00:20:44,310 --> 00:20:41,919

wide out as well and at defensive back

476

00:20:46,710 --> 00:20:44,320

college i by my first year at illinois

477

00:20:48,789 --> 00:20:46,720

as a walk-on i was i was on the scout

478

00:20:51,350 --> 00:20:48,799

team offense as a quarterback and then i

479

00:20:53,430 --> 00:20:51,360

moved into the defensive backfield

480

00:20:54,789 --> 00:20:53,440

and that's where i spent the the last

481

00:20:56,470 --> 00:20:54,799

four years and there i played all the

482

00:20:57,430 --> 00:20:56,480

positions corner strong safety free

483

00:21:01,029 --> 00:20:57,440

safety

484

00:21:02,950 --> 00:21:01,039

um boy the most memorable moment

485

00:21:05,909 --> 00:21:02,960

there's there's a lot of them

486

00:21:07,830 --> 00:21:05,919

certainly when we beat colorado the year

487

00:21:08,789 --> 00:21:07,840

they won the championship up at illinois

488

00:21:13,110 --> 00:21:08,799

that was

489

00:21:15,510 --> 00:21:13,120

never losing to ohio state sorry for any

490

00:21:18,390 --> 00:21:15,520

ohio state fans out there that was also

491

00:21:19,990 --> 00:21:18,400

very memorable and but overall just

492

00:21:21,430 --> 00:21:20,000

every chance you got to run out on the

493

00:21:24,310 --> 00:21:21,440

field

494

00:21:26,870 --> 00:21:24,320

and play the game was is just something

495

00:21:33,590 --> 00:21:26,880

i'll always cherish

496

00:21:42,870 --> 00:21:35,510

hi my name is hannah and my question was

497

00:21:46,390 --> 00:21:44,789

well actually uh sleeping up here is

498

00:21:48,070 --> 00:21:46,400

very very comfortable we just have a

499

00:21:49,590 --> 00:21:48,080

sleeping bag we don't have a bed we just

500

00:21:52,070 --> 00:21:49,600

hang our sleeping bag we have a very

501
00:21:54,070 --> 00:21:52,080
small crew quarters it's the size of a

502
00:21:55,190 --> 00:21:54,080
very small closet like like a linen

503
00:21:56,789 --> 00:21:55,200
closet

504
00:21:58,070 --> 00:21:56,799
if you know what those are and it's so

505
00:22:00,070 --> 00:21:58,080
it's very small you just hang your

506
00:22:01,750 --> 00:22:00,080
sleeping bag up on the wall and you

507
00:22:03,110 --> 00:22:01,760
simply crawl in there and go to sleep

508
00:22:04,470 --> 00:22:03,120
and your kind of your arms kind of float

509
00:22:06,149 --> 00:22:04,480
out like this

510
00:22:07,590 --> 00:22:06,159
and it's very comfortable and it's kind

511
00:22:09,110 --> 00:22:07,600
of weird because as i'm sleeping

512
00:22:11,350 --> 00:22:09,120
sometimes i'll sleep and i'll wake up

513
00:22:13,430 --> 00:22:11,360

and i'll feel like i'm laying down and

514

00:22:15,510 --> 00:22:13,440

then if i open my eyes and my brain

515

00:22:17,990 --> 00:22:15,520

readjusts i'll feel like i'm standing up

516

00:22:19,750 --> 00:22:18,000

and so it's your brain can kind of make

517

00:22:21,510 --> 00:22:19,760

all these different uh

518

00:22:23,110 --> 00:22:21,520

interpret interpretations of whether

519

00:22:24,870 --> 00:22:23,120

you're laying down or standing up but

520

00:22:27,110 --> 00:22:24,880

it's uh sleeping up here is actually

521

00:22:28,630 --> 00:22:27,120

very very comfortable and i think my

522

00:22:30,310 --> 00:22:28,640

concern is when i get back home and i

523

00:22:31,510 --> 00:22:30,320

have to sleep in a 1g environment i'm

524

00:22:34,230 --> 00:22:31,520

probably going to have some problems

525

00:22:39,110 --> 00:22:34,240

getting used to it again

526

00:22:47,029 --> 00:22:41,830

hi my name is dalton glenny uh how much

527

00:22:50,710 --> 00:22:48,710

yeah so we don't weigh we don't weigh

528

00:22:52,630 --> 00:22:50,720

anything up here we still have mass and

529

00:22:54,549 --> 00:22:52,640

so we'll actually measure our mass and

530

00:22:56,149 --> 00:22:54,559

we can equate that to what we would

531

00:22:58,470 --> 00:22:56,159

weigh down on earth under a 1g

532

00:22:59,909 --> 00:22:58,480

environment um and so actually up here

533

00:23:03,029 --> 00:22:59,919

i've lost a little bit of weight i've

534

00:23:07,029 --> 00:23:03,039

probably lost five to five to ten pounds

535

00:23:10,789 --> 00:23:07,039

and so it's about about 180 right now

536

00:23:14,149 --> 00:23:12,710

gentlemen we really appreciate you

537

00:23:16,710 --> 00:23:14,159

taking the time out of your busy

538

00:23:18,710 --> 00:23:16,720

schedules and having this conversation

539

00:23:20,630 --> 00:23:18,720

with school of the osage we are so very

540

00:23:22,630 --> 00:23:20,640

proud of you

541

00:23:24,149 --> 00:23:22,640

mike hopkins and

542

00:23:25,830 --> 00:23:24,159

being a part of our memories here at

543

00:23:27,750 --> 00:23:25,840

school of the osage and what an

544

00:23:32,710 --> 00:23:27,760

inspiration you have been to all of our

545

00:23:32,720 --> 00:23:45,190

well mike good

546

00:23:49,350 --> 00:23:47,110

well i just want to say uh thanks to to

547

00:23:51,430 --> 00:23:49,360

everybody there at school the osage it's

548

00:23:53,510 --> 00:23:51,440

i'm i'm absolutely so proud to be an

549

00:23:54,470 --> 00:23:53,520

alumni of school of the osage and and

550

00:23:56,470 --> 00:23:54,480

i'm just

551

00:23:58,310 --> 00:23:56,480

i want to say thank you as well to to

552

00:24:00,070 --> 00:23:58,320

all of the teachers and everybody there

553

00:24:01,269 --> 00:24:00,080

because for all you kids all your

554

00:24:02,870 --> 00:24:01,279

students there

555

00:24:05,190 --> 00:24:02,880

you are getting a great start in life

556

00:24:06,149 --> 00:24:05,200

take advantage of it follow your dreams

557

00:24:08,310 --> 00:24:06,159

and

558

00:24:11,430 --> 00:24:08,320

it's it's just a wonderful experience a

559

00:24:14,149 --> 00:24:11,440

wonderful place to grow up

560

00:24:18,549 --> 00:24:15,990

station this is houston acr that

561

00:24:20,470 --> 00:24:18,559

concludes the event thank you

562

00:24:22,310 --> 00:24:20,480

thank you school of the osage station we