



1  
00:00:09,980 --> 00:00:03,740  
station is Houston are you ready for the

2  
00:00:11,720 --> 00:00:09,990  
event we are ready to do that national

3  
00:00:13,940 --> 00:00:11,730  
public radio this is Houston please call

4  
00:00:15,440 --> 00:00:13,950  
station for a voice check station this

5  
00:00:20,750 --> 00:00:15,450  
is National Public Radio how do you hear

6  
00:00:22,250 --> 00:00:20,760  
me we hear you loud and clear welcome

7  
00:00:24,200 --> 00:00:22,260  
aboard the International Space Station

8  
00:00:25,670 --> 00:00:24,210  
thank you so much this is Melissa block

9  
00:00:30,650 --> 00:00:25,680  
with all things considered and do we

10  
00:00:33,650 --> 00:00:30,660  
have Katie Collman there she is here as

11  
00:00:38,630 --> 00:00:33,660  
well as paolo nespoli Oh fantastic and

12  
00:00:40,520 --> 00:00:38,640  
Scott Kelly that must be you yes it is

13  
00:00:41,750 --> 00:00:40,530

great welcome thanks so much for talking

14

00:00:43,610 --> 00:00:41,760

to me and Katie I wonder if I could

15

00:00:45,410 --> 00:00:43,620

start with you I gather that you have

16

00:00:46,850 --> 00:00:45,420

brought music with you to the

17

00:00:52,310 --> 00:00:46,860

International Space Station and wanted

18

00:00:54,799 --> 00:00:52,320

to ask you what you have with you well I

19

00:00:56,090 --> 00:00:54,809

I the flute on the ground and not it's

20

00:00:59,270 --> 00:00:56,100

one of the things I love to do so I

21

00:01:01,160 --> 00:00:59,280

brought my own flute with me but I also

22

00:01:03,680 --> 00:01:01,170

brought some other flutes with me I have

23

00:01:06,109 --> 00:01:03,690

a pennywhistle from paddy moloney of the

24

00:01:07,789 --> 00:01:06,119

Chieftains and also a very old Irish

25

00:01:10,640 --> 00:01:07,799

flute from matt molloy at the Chieftains

26

00:01:12,740 --> 00:01:10,650

and i have a flute from ian anderson of

27

00:01:14,840 --> 00:01:12,750

jethro tull so a pretty well-rounded

28

00:01:16,999 --> 00:01:14,850

spectrum and I am I having a great time

29

00:01:18,260 --> 00:01:17,009

up here with them oh that's amazing now

30

00:01:24,469 --> 00:01:18,270

how did it come to be that you have

31

00:01:26,840 --> 00:01:24,479

those three flutes with you well so with

32

00:01:29,030 --> 00:01:26,850

mine it makes for total and we get to

33

00:01:31,880 --> 00:01:29,040

bring a certain number of things with us

34

00:01:33,109 --> 00:01:31,890

to represent their just too we just get

35

00:01:35,569 --> 00:01:33,119

a certain amount of space to bring stuff

36

00:01:36,770 --> 00:01:35,579

and you know one of the things I think

37

00:01:39,830 --> 00:01:36,780

that's important to do is to try to

38

00:01:41,300 --> 00:01:39,840

share how amazing it is up here and you

39

00:01:43,819 --> 00:01:41,310

know relate to different groups of

40

00:01:45,560 --> 00:01:43,829

people and I relate to flute players and

41

00:01:46,760 --> 00:01:45,570

I just wanted them to understand what a

42

00:01:49,130 --> 00:01:46,770

cool place it was and how many

43

00:01:51,380 --> 00:01:49,140

possibilities there were to play music

44

00:01:53,240 --> 00:01:51,390

up here on the space station well what

45

00:01:55,160 --> 00:01:53,250

is it like to play the flute and

46

00:02:01,069 --> 00:01:55,170

experience weightlessness is it is it

47

00:02:04,219 --> 00:02:01,079

easier is it harder you know it's just

48

00:02:06,080 --> 00:02:04,229

actually really a different I've

49

00:02:08,210 --> 00:02:06,090

actually been having the most really the

50

00:02:09,979 --> 00:02:08,220

nicest time up in our Koopa lights it's

51  
00:02:11,260 --> 00:02:09,989  
a module that has windows all the way

52  
00:02:13,390 --> 00:02:11,270  
around

53  
00:02:15,160 --> 00:02:13,400  
and you know I end up I just basically

54  
00:02:16,570 --> 00:02:15,170  
float around in there and a lot of times

55  
00:02:19,540 --> 00:02:16,580  
play with my eyes closed and what's

56  
00:02:21,340 --> 00:02:19,550  
really funny to me is that I'll suddenly

57  
00:02:23,440 --> 00:02:21,350  
sort of run into something and something

58  
00:02:25,690 --> 00:02:23,450  
you just had no idea was so close is is

59  
00:02:27,190 --> 00:02:25,700  
right there at your nose which you know

60  
00:02:28,480 --> 00:02:27,200  
if you're walking around on your living

61  
00:02:30,730 --> 00:02:28,490  
room it just doesn't happen that way so

62  
00:02:32,140 --> 00:02:30,740  
it's been pretty neat to just float

63  
00:02:34,360 --> 00:02:32,150

around and not know quite where you are

64

00:02:36,580 --> 00:02:34,370

but still be creating your own little

65

00:02:37,810 --> 00:02:36,590

world with music that sounds great what

66

00:02:43,390 --> 00:02:37,820

did the Buddy the acoustics like up

67

00:02:45,610 --> 00:02:43,400

there that really depends on the module

68

00:02:47,050 --> 00:02:45,620

and I have to say I've been playing a

69

00:02:48,850 --> 00:02:47,060

lot more now that I found the cupola

70

00:02:50,860 --> 00:02:48,860

which but what the nicest part about it

71

00:02:53,230 --> 00:02:50,870

besides the view at least for me is that

72

00:02:54,160 --> 00:02:53,240

nobody can hear me play in there if

73

00:02:56,500 --> 00:02:54,170

they're in some other part of the

74

00:02:58,900 --> 00:02:56,510

station in other parts where we have a

75

00:03:01,210 --> 00:02:58,910

lot of cloth a lot of sort of cloth bags

76

00:03:04,030 --> 00:03:01,220

it absorbs the sound and it's not quite

77

00:03:05,470 --> 00:03:04,040

as bright sounding but I've been trying

78

00:03:07,540 --> 00:03:05,480

to play module by module and they all

79

00:03:08,680 --> 00:03:07,550

sound pretty good you know I'm thinking

80

00:03:10,420 --> 00:03:08,690

Colonel Coleman that it would be a

81

00:03:13,510 --> 00:03:10,430

pretty amazing thing for you to have

82

00:03:14,800 --> 00:03:13,520

some sort of space ground concert you

83

00:03:16,810 --> 00:03:14,810

know you playing up there on the space

84

00:03:22,930 --> 00:03:16,820

station along with paddy moloney and ian

85

00:03:24,610 --> 00:03:22,940

anderson and Matty Malloy Matt Molloy we

86

00:03:27,640 --> 00:03:24,620

are trying to work some of those things

87

00:03:29,080 --> 00:03:27,650

out and hopefully we will manage to make

88

00:03:31,300 --> 00:03:29,090

them happen the time delay there's a

89

00:03:33,010 --> 00:03:31,310

technical difficulty in that i'll tell

90

00:03:34,810 --> 00:03:33,020

you the way i usually play is i play

91

00:03:36,490 --> 00:03:34,820

with people i play with a group and i'm

92

00:03:38,110 --> 00:03:36,500

somebody who sort of listens and then

93

00:03:40,690 --> 00:03:38,120

does the noodling in the background and

94

00:03:42,520 --> 00:03:40,700

so I like to follow and so it's a little

95

00:03:44,500 --> 00:03:42,530

bit hard for us to all play something at

96

00:03:46,780 --> 00:03:44,510

the same time we're trying to work that

97

00:03:48,370 --> 00:03:46,790

part out but it might be that they send

98

00:03:50,260 --> 00:03:48,380

me something to play and then I send it

99

00:03:51,880 --> 00:03:50,270

back down there on on fillmore what

100

00:03:53,800 --> 00:03:51,890

we're trying to work out the details but

101  
00:03:56,440 --> 00:03:53,810  
in any case I think with their

102  
00:03:59,500 --> 00:03:56,450  
instruments up here I think I have a lot

103  
00:04:00,910 --> 00:03:59,510  
of flute players up here with me Katie

104  
00:04:02,620 --> 00:04:00,920  
Collman you have your fellow crew

105  
00:04:05,199 --> 00:04:02,630  
members there with you commander Scott

106  
00:04:07,510 --> 00:04:05,209  
Kelly and paolo nespoli from the

107  
00:04:09,610 --> 00:04:07,520  
European Space Agency and I wonder Scott

108  
00:04:11,530 --> 00:04:09,620  
and Paulo what you think of katie's

109  
00:04:12,850 --> 00:04:11,540  
playing is this something that the that

110  
00:04:19,090 --> 00:04:12,860  
makes new time and space even more

111  
00:04:20,620 --> 00:04:19,100  
pleasant well the be honestly is she she

112  
00:04:21,940 --> 00:04:20,630  
actually I haven't seen her play very

113  
00:04:24,310 --> 00:04:21,950

much you know the space station is

114

00:04:25,060 --> 00:04:24,320

really big and she's a you know does it

115

00:04:27,100 --> 00:04:25,070

mostly

116

00:04:28,900 --> 00:04:27,110

you know in her spare time when you know

117

00:04:30,340 --> 00:04:28,910

at least myself has been in other places

118

00:04:32,230 --> 00:04:30,350

I've heard her a couple of times just

119

00:04:33,820 --> 00:04:32,240

now she was practicing because she has

120

00:04:35,620 --> 00:04:33,830

her flute here and she thought you might

121

00:04:37,210 --> 00:04:35,630

ask her not to put her on a spot or

122

00:04:39,010 --> 00:04:37,220

anything but she was thinking that you

123

00:04:40,450 --> 00:04:39,020

might ask her to play so that's really

124

00:04:42,460 --> 00:04:40,460

only the second time I've heard her play

125

00:04:44,710 --> 00:04:42,470

well you're missing out but you will get

126

00:04:46,240 --> 00:04:44,720

to here in just a second let me turn to

127

00:04:48,580 --> 00:04:46,250

you commander Scott Kelly there for a

128

00:04:50,130 --> 00:04:48,590

second commander Kelly you are the the

129

00:04:53,080 --> 00:04:50,140

brother-in-law of congresswoman

130

00:04:54,730 --> 00:04:53,090

gabrielle Giffords and and I imagine

131

00:04:56,830 --> 00:04:54,740

it's been especially hard to be there on

132

00:04:59,110 --> 00:04:56,840

the International Space Station and

133

00:05:00,970 --> 00:04:59,120

unable to be with your brother Mark

134

00:05:07,060 --> 00:05:00,980

Kelly and the congresswoman during this

135

00:05:08,980 --> 00:05:07,070

time as she's recovering you know I

136

00:05:11,290 --> 00:05:08,990

think it'd be hard to be anywhere you

137

00:05:14,590 --> 00:05:11,300

know whether it's with them or a place

138

00:05:17,260 --> 00:05:14,600

like this you know certainly you know

139

00:05:19,090 --> 00:05:17,270

being in an isolated environment you

140

00:05:21,580 --> 00:05:19,100

know presents its own special

141

00:05:25,060 --> 00:05:21,590

difficulties but you know we have you

142

00:05:27,250 --> 00:05:25,070

know a telephone and and you know email

143

00:05:29,050 --> 00:05:27,260

and so there's there's the ability to

144

00:05:31,690 --> 00:05:29,060

communicate you know certainly I prefer

145

00:05:34,330 --> 00:05:31,700

to be you know able to support my

146

00:05:36,450 --> 00:05:34,340

brother and Gabby certainly and in my

147

00:05:39,250 --> 00:05:36,460

kids and other friends and family in

148

00:05:41,530 --> 00:05:39,260

person but you know I understand this is

149

00:05:45,160 --> 00:05:41,540

my place and I have a job to do so it's

150

00:05:48,100 --> 00:05:45,170

I'm getting along fine do you think that

151

00:05:51,220 --> 00:05:48,110

you have in any way some different

152

00:05:54,040 --> 00:05:51,230

perspective following all of this from

153

00:06:00,310 --> 00:05:54,050

where you are you know 200 miles above

154

00:06:01,840 --> 00:06:00,320

the earth well you know if you would

155

00:06:04,540 --> 00:06:01,850

have asked me that when right when this

156

00:06:08,230 --> 00:06:04,550

happened I you know I probably would

157

00:06:10,300 --> 00:06:08,240

have said yes because you know the

158

00:06:12,340 --> 00:06:10,310

immediate reaction after something like

159

00:06:14,470 --> 00:06:12,350

this you know you have varying emotions

160

00:06:16,150 --> 00:06:14,480

but one of them is certainly anger you

161

00:06:17,710 --> 00:06:16,160

know you're very angry at that something

162

00:06:18,790 --> 00:06:17,720

happened but something like this

163

00:06:21,730 --> 00:06:18,800

happened to one of your family members

164

00:06:26,520 --> 00:06:21,740

but i think you know now after time has

165

00:06:30,160 --> 00:06:26,530

passed i would say you know probably not

166

00:06:33,550 --> 00:06:30,170

certainly my life up here has changed

167

00:06:35,380 --> 00:06:33,560

since since the accident so i guess in

168

00:06:37,120 --> 00:06:35,390

some ways maybe my perspective on things

169

00:06:38,570 --> 00:06:37,130

has changed because you know where i

170

00:06:39,830 --> 00:06:38,580

used to my spare time

171

00:06:41,270 --> 00:06:39,840

you know spend time looking out the

172

00:06:43,879 --> 00:06:41,280

window and taking pictures of the earth

173

00:06:46,640 --> 00:06:43,889

now I spend more of my spare time on the

174

00:06:49,550 --> 00:06:46,650

telephone and with email and following

175

00:06:53,749 --> 00:06:49,560

the news than I did before the this

176  
00:06:56,029 --> 00:06:53,759  
tragedy yes well I know Katie Collman

177  
00:06:57,350 --> 00:06:56,039  
you have your your flute I'm not sure

178  
00:06:58,459 --> 00:06:57,360  
which loot you have there with you but

179  
00:06:59,510 --> 00:06:58,469  
you have a flute with you when you tell

180  
00:07:08,300 --> 00:06:59,520  
us which one it is and I would if you

181  
00:07:10,369 --> 00:07:08,310  
would play us out with a song well I'm

182  
00:07:11,899 --> 00:07:10,379  
from Massachusetts and I brought my own

183  
00:07:13,969 --> 00:07:11,909  
flute which was made by a really neat

184  
00:07:15,499 --> 00:07:13,979  
company in Massachusetts and the

185  
00:07:18,080 --> 00:07:15,509  
someone's going to play is called blue

186  
00:07:20,420 --> 00:07:18,090  
nose it's by a Canadian guy named Stan

187  
00:07:23,089 --> 00:07:20,430  
Rogers who writes a lot of things that

188  
00:07:25,189 --> 00:07:23,099

I'd love to play and it's about you know

189

00:07:27,290 --> 00:07:25,199

an old sailing ship sailing the oceans

190

00:07:28,999 --> 00:07:27,300

being away from home and and that's the

191

00:07:30,980 --> 00:07:29,009

kind of perspective you can't help but

192

00:07:32,540 --> 00:07:30,990

have when you're up here looking down at

193

00:07:35,029 --> 00:07:32,550

the earth and you think about the early

194

00:07:36,769 --> 00:07:35,039

explorers and here we are more more

195

00:07:39,140 --> 00:07:36,779

recent explorers but we all have some

196

00:07:41,420 --> 00:07:39,150

things in common and in their jobs that

197

00:07:44,019 --> 00:07:41,430

we have to do far from home so this is

198

00:07:46,159 --> 00:07:44,029

for John McBrine who in our

199

00:07:47,809 --> 00:07:46,169

international space station branch in

200

00:07:50,019 --> 00:07:47,819

the astronaut office is the cornerstone

201  
00:08:17,930 --> 00:07:50,029  
of our branch and it's his favorite song

202  
00:08:26,070 --> 00:08:20,190  
Katie Collman a little little flute

203  
00:08:28,440 --> 00:08:26,080  
music from space thank you so much well

204  
00:08:30,930 --> 00:08:28,450  
thank you I'm a big NPR fan since a

205  
00:08:33,540 --> 00:08:30,940  
pleasure to talk to you and to share our

206  
00:08:35,219 --> 00:08:33,550  
space station life with folks thanks to

207  
00:08:36,990 --> 00:08:35,229  
everybody there on the International

208  
00:08:38,850 --> 00:08:37,000  
Space Station Cady Coleman also

209  
00:08:40,610 --> 00:08:38,860  
commander Scott Kelly and engine and

210  
00:08:44,340 --> 00:08:40,620  
excuse me and astronaut paolo nespoli

211  
00:08:46,890 --> 00:08:44,350  
mmm excuse me and and astronaut paolo

212  
00:08:50,870 --> 00:08:46,900  
nespoli thanks to all of you and best of

213  
00:09:01,680 --> 00:08:58,800

thanks very much station this is Houston

214

00:09:03,210 --> 00:09:01,690

ACR that concludes the NPR radio portion

215

00:09:08,880 --> 00:09:03,220

of the event please stand by for a voice

216

00:09:14,970 --> 00:09:08,890

check from khou-tv station this is

217

00:09:16,440 --> 00:09:14,980

khou-tv how do you hear me we have you

218

00:09:20,340 --> 00:09:16,450

loud and clear welcome aboard the

219

00:09:21,900 --> 00:09:20,350

International Space Station thank you we

220

00:09:24,900 --> 00:09:21,910

appreciate you talking with us family

221

00:09:26,880 --> 00:09:24,910

felici with khou-tv and we're just

222

00:09:28,260 --> 00:09:26,890

touching base with you Scott I was at

223

00:09:30,060 --> 00:09:28,270

the press conference when your brother

224

00:09:32,190 --> 00:09:30,070

announced he will be flying the next

225

00:09:33,750 --> 00:09:32,200

mission just wondering how you weighed

226

00:09:40,680 --> 00:09:33,760

in on that decision and what kind of

227

00:09:44,250 --> 00:09:40,690

advice you gave him well you know I

228

00:09:46,890 --> 00:09:44,260

mostly listened to you know how he felt

229

00:09:50,640 --> 00:09:46,900

about it and which i think is important

230

00:09:52,380 --> 00:09:50,650

when you're you know trying to you know

231

00:09:57,920 --> 00:09:52,390

help one of your family members make a

232

00:10:00,420 --> 00:09:57,930

you know a decision you know there I

233

00:10:02,400 --> 00:10:00,430

think it was pretty clear that him

234

00:10:07,230 --> 00:10:02,410

flying this flight was the right thing

235

00:10:09,320 --> 00:10:07,240

to do for you know him personally and in

236

00:10:12,660 --> 00:10:09,330

our family situation I think it was a

237

00:10:15,030 --> 00:10:12,670

you know a pretty clear choice and once

238

00:10:17,730 --> 00:10:15,040

he you know discussed it with our

239

00:10:21,300 --> 00:10:17,740

management and they met the appropriate

240

00:10:23,190 --> 00:10:21,310

you know requirements

241

00:10:28,350 --> 00:10:23,200

you know I think I think it was a

242

00:10:30,990 --> 00:10:28,360

clearly the right thing for him to do um

243

00:10:33,150 --> 00:10:31,000

and you would have been you know the

244

00:10:34,950 --> 00:10:33,160

first brothers in space together but I

245

00:10:37,260 --> 00:10:34,960

know due to delays that's not going to

246

00:10:43,530 --> 00:10:37,270

happen but any thoughts on that would

247

00:10:45,450 --> 00:10:43,540

have been a historic moment well you

248

00:10:49,890 --> 00:10:45,460

know it would have been it would have

249

00:10:52,970 --> 00:10:49,900

been fun for us but you know we both

250

00:10:57,150 --> 00:10:52,980

have jobs to do and we understand that

251  
00:10:59,160 --> 00:10:57,160  
so you know it's something i would have

252  
00:11:02,210 --> 00:10:59,170  
liked but certainly I am NOT

253  
00:11:04,920 --> 00:11:02,220  
disappointed you know and originally

254  
00:11:07,440 --> 00:11:04,930  
with his original launch date his

255  
00:11:10,710 --> 00:11:07,450  
mission would have been concluded prior

256  
00:11:13,980 --> 00:11:10,720  
to mine so it was just really a you know

257  
00:11:15,630 --> 00:11:13,990  
luck and timing for a while anyway that

258  
00:11:17,220 --> 00:11:15,640  
we were scheduled to fly together and

259  
00:11:20,250 --> 00:11:17,230  
then you know as things work in a

260  
00:11:22,530 --> 00:11:20,260  
shuttle program we find you know issues

261  
00:11:25,560 --> 00:11:22,540  
we have to fix and sometimes those

262  
00:11:26,940 --> 00:11:25,570  
causes cause delays in the flight

263  
00:11:28,710 --> 00:11:26,950

schedule and that's what happened and

264

00:11:33,079 --> 00:11:28,720

you know completely understandable and

265

00:11:35,760 --> 00:11:33,089

not not an issue for either of us sure

266

00:11:39,360 --> 00:11:35,770

your sister-in-law your your brother put

267

00:11:42,030 --> 00:11:39,370

out am a facebook note to everyone that

268

00:11:43,710 --> 00:11:42,040

she's doing amazingly well but wondering

269

00:11:46,680 --> 00:11:43,720

how it was for you when you originally

270

00:11:49,020 --> 00:11:46,690

heard the news and you know how you're

271

00:11:56,400 --> 00:11:49,030

balancing work and family concerns and

272

00:11:58,320 --> 00:11:56,410

also the outpouring of support well like

273

00:12:00,780 --> 00:11:58,330

you would imagine it's you know pretty

274

00:12:02,490 --> 00:12:00,790

shocking to hear that you know your

275

00:12:04,680 --> 00:12:02,500

sister-in-law your your brother's wife

276

00:12:06,360 --> 00:12:04,690

that you know you're very close to her

277

00:12:08,850 --> 00:12:06,370

I'm certainly very close to my brother

278

00:12:12,360 --> 00:12:08,860

that originally she was shot and then

279

00:12:14,130 --> 00:12:12,370

you know soon thereafter heard that it

280

00:12:18,990 --> 00:12:14,140

was unconfirmed but that but she had

281

00:12:21,449 --> 00:12:19,000

died so certainly you know really

282

00:12:23,640 --> 00:12:21,459

horrible news to ear and you know in any

283

00:12:28,500 --> 00:12:23,650

situation whether you're on the space

284

00:12:30,780 --> 00:12:28,510

station or anywhere for that matter you

285

00:12:34,620 --> 00:12:30,790

know yet multi-part question but but as

286

00:12:37,020 --> 00:12:34,630

far as how I dealt with it I think

287

00:12:38,700 --> 00:12:37,030

in whatever spare time i had spent time

288

00:12:41,130 --> 00:12:38,710

on the phone you know talking to my

289

00:12:44,250 --> 00:12:41,140

brother my kids other you know family

290

00:12:48,240 --> 00:12:44,260

and friends and also communicating via

291

00:12:51,330 --> 00:12:48,250

email and following her recovery and the

292

00:12:53,250 --> 00:12:51,340

news as best we can in this isolated

293

00:12:57,000 --> 00:12:53,260

environment here in aboard the

294

00:12:59,040 --> 00:12:57,010

International Space Station and has the

295

00:13:04,560 --> 00:12:59,050

outpouring of support been helpful i

296

00:13:08,270 --> 00:13:04,570

would think i'll tell you it's really

297

00:13:11,040 --> 00:13:08,280

been incredible you know I've gotten

298

00:13:12,690 --> 00:13:11,050

hundreds if not thousands of messages I

299

00:13:15,410 --> 00:13:12,700

can't imagine how many my brother and

300

00:13:20,370 --> 00:13:15,420

gabi have received messages of support

301

00:13:22,530 --> 00:13:20,380

from all over the world so it you know

302

00:13:25,520 --> 00:13:22,540

really is heartwarming to see that that

303

00:13:28,380 --> 00:13:25,530

people are are concerned about her and

304

00:13:30,240 --> 00:13:28,390

you know and my brother and then you

305

00:13:35,670 --> 00:13:30,250

know a small part you know concerned in

306

00:13:38,250 --> 00:13:35,680

in how I'm doing up here I'm wondering

307

00:13:41,550 --> 00:13:38,260

just switch gears what do you think of

308

00:13:44,520 --> 00:13:41,560

SpaceX and it is it a viable possibility

309

00:13:51,480 --> 00:13:44,530

isn't any better than what NASA may have

310

00:13:53,220 --> 00:13:51,490

developed along the way well it's I

311

00:13:56,130 --> 00:13:53,230

think it's great you know that that

312

00:13:59,550 --> 00:13:56,140

they've been able to achieve something

313

00:14:02,030 --> 00:13:59,560

that holy governments have done and just

314

00:14:04,020 --> 00:14:02,040

a few governments have done previously

315

00:14:07,920 --> 00:14:04,030

you know it's an incredible achievement

316

00:14:10,710 --> 00:14:07,930

that they need to be very proud of I

317

00:14:14,040 --> 00:14:10,720

don't know you know a lot of the

318

00:14:17,790 --> 00:14:14,050

technical details and you know be able

319

00:14:19,380 --> 00:14:17,800

to compare you know there's space X you

320

00:14:24,330 --> 00:14:19,390

know they're Falcon 9 and the dragon

321

00:14:26,610 --> 00:14:24,340

with you know NASA's what would have

322

00:14:31,710 --> 00:14:26,620

been the you know NASA version of that

323

00:14:33,030 --> 00:14:31,720

with the constellation program but you

324

00:14:34,980 --> 00:14:33,040

know I think like I said I think they

325

00:14:37,260 --> 00:14:34,990

should be very proud of themselves and I

326

00:14:41,580 --> 00:14:37,270

think yea it is definitely a viable

327

00:14:44,610 --> 00:14:41,590

program so I'm excited to see you know

328

00:14:46,860 --> 00:14:44,620

how far they get and and watch them

329

00:14:49,769 --> 00:14:46,870

along the way

330

00:14:51,480 --> 00:14:49,779

and how are the experiments and all the

331

00:14:52,680 --> 00:14:51,490

different things you're doing going on

332

00:14:55,500 --> 00:14:52,690

the space station is there anything

333

00:15:01,010 --> 00:14:55,510

interesting that you can talk about in

334

00:15:06,870 --> 00:15:04,170

you know it's incredibly interesting and

335

00:15:10,800 --> 00:15:06,880

exciting the space station is an

336

00:15:12,630 --> 00:15:10,810

absolutely amazing place it is a you

337

00:15:16,440 --> 00:15:12,640

know one of the great achievements of

338

00:15:19,910 --> 00:15:16,450

mankind in my opinion probably you know

339

00:15:22,950 --> 00:15:19,920

the hardest most difficult engineering

340

00:15:25,890 --> 00:15:22,960

accomplishment that anyone has ever ever

341

00:15:28,920 --> 00:15:25,900

done we have 130 different science

342

00:15:32,700 --> 00:15:28,930

experiments operating on board at any

343

00:15:37,050 --> 00:15:32,710

given time right now we're very busy

344

00:15:39,510 --> 00:15:37,060

with visiting cargo vehicles kind of

345

00:15:42,240 --> 00:15:39,520

preparing for when the shuttle finally

346

00:15:45,390 --> 00:15:42,250

stops lying we have a shuttle flight ulf

347

00:15:46,890 --> 00:15:45,400

5 come in in a couple of weeks so you

348

00:15:49,440 --> 00:15:46,900

know between doing the science we're

349

00:15:53,130 --> 00:15:49,450

doing and preparing for all these

350

00:15:55,380 --> 00:15:53,140

vehicles we're staying very busy you

351

00:15:58,920 --> 00:15:55,390

know in my opinion this whole program is

352

00:16:03,030 --> 00:15:58,930

one large science experiment how to keep

353

00:16:05,400 --> 00:16:03,040

people alive and systems operating for

354

00:16:08,940 --> 00:16:05,410

long periods of time in an isolated

355

00:16:11,280 --> 00:16:08,950

environment so when the time comes when

356

00:16:13,290 --> 00:16:11,290

we decide to go you know back to the

357

00:16:16,050 --> 00:16:13,300

moon on to Mars or other destinations we

358

00:16:18,449 --> 00:16:16,060

have the knowledge and the engineering

359

00:16:20,640 --> 00:16:18,459

capability to do that so it's a really a

360

00:16:23,970 --> 00:16:20,650

critical program and I'm very proud to

361

00:16:27,180 --> 00:16:23,980

be a part of it it's quite extraordinary

362

00:16:28,440 --> 00:16:27,190

work that you're all doing Katie shout

363

00:16:30,060 --> 00:16:28,450

out from Connecticut I'm from

364

00:16:32,430 --> 00:16:30,070

Connecticut originally so high to

365

00:16:34,500 --> 00:16:32,440

Massachusetts and wondering if you could

366

00:16:37,890 --> 00:16:34,510

talk a little bit about your flute

367

00:16:39,900 --> 00:16:37,900

playing is that something you do in your

368

00:16:41,940 --> 00:16:39,910

down time and I don't know if you would

369

00:16:49,320 --> 00:16:41,950

do a repeat performance for us as you

370

00:16:50,880 --> 00:16:49,330

did for NPR you know I I love to play

371

00:16:52,260 --> 00:16:50,890

mostly with people that's the biggest

372

00:16:54,090 --> 00:16:52,270

difference down on the earth I almost

373

00:16:56,430 --> 00:16:54,100

always play with with friends and groups

374

00:16:57,930 --> 00:16:56,440

and and you know they're playing

375

00:16:59,220 --> 00:16:57,940

something and I play something in the

376

00:17:01,080 --> 00:16:59,230

background and it's

377

00:17:04,110 --> 00:17:01,090

thing I do in my spare time I probably

378

00:17:05,670 --> 00:17:04,120

won't change day jobs too soon and so

379

00:17:07,140 --> 00:17:05,680

doing it up here alone is a little bit

380

00:17:09,690 --> 00:17:07,150

different but what I've done is brought

381

00:17:11,280 --> 00:17:09,700

actually their music with me and so I

382

00:17:14,520 --> 00:17:11,290

play their music in the background and

383

00:17:16,500 --> 00:17:14,530

play along and just I think up here and

384

00:17:18,090 --> 00:17:16,510

such a it's a big place and yet there's

385

00:17:20,250 --> 00:17:18,100

six of us that are here all the time and

386

00:17:22,170 --> 00:17:20,260

one of the ways that you get along is

387

00:17:24,660 --> 00:17:22,180

just to be able to create your own world

388

00:17:26,820 --> 00:17:24,670

and and have a place that you can go to

389

00:17:30,110 --> 00:17:26,830

and for me that's by playing music and

390

00:17:32,760 --> 00:17:30,120

so it's been really nice to play up here

391

00:17:38,150 --> 00:17:32,770

with you also be able to play us out I

392

00:18:13,320 --> 00:17:47,190

sir well I appreciate it oh it's their

393

00:18:13,330 --> 00:18:16,520

Oh

394

00:18:16,530 --> 00:18:27,080

ah

395

00:18:36,140 --> 00:18:29,700

thank you so much we appreciate your

396

00:18:44,610 --> 00:18:38,610

you're very welcome thanks for joining

397

00:18:50,280 --> 00:18:44,620

us today station this is Houston acrl

398

00:18:52,890 --> 00:18:50,290

that concludes the event thank you thank

399

00:18:55,140 --> 00:18:52,900

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