



VOICE OF
Cady Coleman
NASA Astronaut

1
00:00:05,990 --> 00:00:03,510
the activities for the crew going

2
00:00:07,829 --> 00:00:06,000
smoothly and although it sounds like a

3
00:00:09,750 --> 00:00:07,839
quiet day from the perspective here on

4
00:00:11,110 --> 00:00:09,760
earth it's a busy day for the crew and

5
00:00:12,390 --> 00:00:11,120
joining us to kind of tell us a little

6
00:00:14,230 --> 00:00:12,400
bit more about what it's like from the

7
00:00:16,150 --> 00:00:14,240
crew perspective is astronaut katie

8
00:00:18,070 --> 00:00:16,160
coleman thanks so much for joining us hi

9
00:00:19,990 --> 00:00:18,080
nicole hi

10
00:00:21,830 --> 00:00:20,000
it seems like you were just up there and

11
00:00:23,269 --> 00:00:21,840
yet i'm looking at the dates and it's

12
00:00:24,950 --> 00:00:23,279
been about two years since you were on

13
00:00:26,550 --> 00:00:24,960

the international space station it's

14

00:00:28,630 --> 00:00:26,560

true but i tell you you know watching

15

00:00:29,990 --> 00:00:28,640

the guys on orbit right now i mean just

16

00:00:31,750 --> 00:00:30,000

in the job that i do here with the

17

00:00:33,830 --> 00:00:31,760

office i try to keep tabs on what

18

00:00:35,270 --> 00:00:33,840

they're doing and you know it just makes

19

00:00:36,229 --> 00:00:35,280

me feel like i'm on board there with

20

00:00:38,310 --> 00:00:36,239

them

21

00:00:39,750 --> 00:00:38,320

a vet and we have more ways than ever to

22

00:00:42,389 --> 00:00:39,760

follow along with the crew so i'm sure

23

00:00:43,590 --> 00:00:42,399

it's it's particularly special for you

24

00:00:45,830 --> 00:00:43,600

what it why don't you tell us since

25

00:00:46,869 --> 00:00:45,840

chris especially is really new on orbit

26

00:00:48,470 --> 00:00:46,879

and we've noticed that they have

27

00:00:50,229 --> 00:00:48,480

familiarization time blocked out each

28

00:00:51,590 --> 00:00:50,239

day as a new crew member on the space

29

00:00:53,590 --> 00:00:51,600

station can you kind of tell us what do

30

00:00:54,950 --> 00:00:53,600

you use that time for

31

00:00:56,869 --> 00:00:54,960

well there's just all sorts of things

32

00:00:59,430 --> 00:00:56,879

you only have to kind of find once or do

33

00:01:01,670 --> 00:00:59,440

once um it's just things like when we

34

00:01:02,869 --> 00:01:01,680

exercise we use a data card that is

35

00:01:04,310 --> 00:01:02,879

gonna you know keep track of all the

36

00:01:06,550 --> 00:01:04,320

exercise that we do and you have to go

37

00:01:08,310 --> 00:01:06,560

unstow a new card and format it and

38

00:01:09,910 --> 00:01:08,320

stick it in the machine and you know and

39

00:01:11,109 --> 00:01:09,920

download your protocol so that you know

40

00:01:12,469 --> 00:01:11,119

what to do i mean there's some things

41

00:01:14,070 --> 00:01:12,479

like that there's

42

00:01:15,830 --> 00:01:14,080

um they spend a good deal of the

43

00:01:17,590 --> 00:01:15,840

beginning time just

44

00:01:19,429 --> 00:01:17,600

getting all their stuff i mean we packed

45

00:01:21,030 --> 00:01:19,439

that stuff probably

46

00:01:23,030 --> 00:01:21,040

i don't know close to a year before we

47

00:01:24,550 --> 00:01:23,040

left maybe a year and a half somebody

48

00:01:25,670 --> 00:01:24,560

asked me okay so how many shirts how

49

00:01:27,270 --> 00:01:25,680

many pants

50

00:01:28,870 --> 00:01:27,280

and so just kind of going through your

51
00:01:30,950 --> 00:01:28,880
stuff and figuring out what's there and

52
00:01:33,670 --> 00:01:30,960
how to organize it there's that some of

53
00:01:35,429 --> 00:01:33,680
that kind of time but also during most

54
00:01:37,109 --> 00:01:35,439
of that time somebody else on the

55
00:01:38,870 --> 00:01:37,119
station is already there like chris

56
00:01:41,270 --> 00:01:38,880
hadfield or tom marshburn is taking

57
00:01:42,789 --> 00:01:41,280
chris around and saying hey okay so i'm

58
00:01:45,429 --> 00:01:42,799
working on this today and when we do

59
00:01:47,350 --> 00:01:45,439
this this is the tricky part right here

60
00:01:49,109 --> 00:01:47,360
you know it's all those things that like

61
00:01:50,710 --> 00:01:49,119
if it's you know christmas eve and

62
00:01:52,630 --> 00:01:50,720
you're trying to put complicated

63
00:01:54,149 --> 00:01:52,640

christmas presents together i mean if

64

00:01:55,910 --> 00:01:54,159

there was somebody there right next to

65

00:01:57,590 --> 00:01:55,920

you that showed you oh this is the

66

00:01:58,789 --> 00:01:57,600

tricky part and this has to go under

67

00:02:01,109 --> 00:01:58,799

that and you have to put this together

68

00:02:02,870 --> 00:02:01,119

first that's all actually written in the

69

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

instructions if you read them which we

70

00:02:07,670 --> 00:02:05,200

do but it's easier if somebody shows you

71

00:02:09,350 --> 00:02:07,680

so a lot of that is kind of show me time

72

00:02:11,510 --> 00:02:09,360

right i'm sure it's invaluable for a new

73

00:02:12,630 --> 00:02:11,520

crew member up on the space station

74

00:02:14,229 --> 00:02:12,640

absolutely you know we actually had

75

00:02:16,470 --> 00:02:14,239

somebody going up who wasn't going to

76
00:02:18,229 --> 00:02:16,480
have much time with the the prior crew

77
00:02:20,869 --> 00:02:18,239
there was a short hand over and we

78
00:02:23,910 --> 00:02:20,879
developed a cool technique

79
00:02:26,150 --> 00:02:23,920
of using videos down here on the ground

80
00:02:28,150 --> 00:02:26,160
uh folks including myself made short

81
00:02:30,070 --> 00:02:28,160
little videos as if we were up there and

82
00:02:31,990 --> 00:02:30,080
showing dan burbank around the space

83
00:02:33,509 --> 00:02:32,000
station okay dan when you do this this

84
00:02:35,350 --> 00:02:33,519
is the tricky part

85
00:02:36,869 --> 00:02:35,360
and so that we've tried to find some

86
00:02:39,509 --> 00:02:36,879
creative ways to do that even before we

87
00:02:41,190 --> 00:02:39,519
go and save some of that on orbit time

88
00:02:43,110 --> 00:02:41,200

right well we noticed that chris today

89

00:02:45,670 --> 00:02:43,120

has some really fun crew quarters

90

00:02:47,750 --> 00:02:45,680

cleaning tasks planned for his afternoon

91

00:02:49,670 --> 00:02:47,760

some detailed vacuuming and i noticed

92

00:02:51,589 --> 00:02:49,680

that he has to even gather a mask and

93

00:02:53,589 --> 00:02:51,599

goggles for that task that kind of just

94

00:02:55,430 --> 00:02:53,599

illustrates how even the simplest tasks

95

00:02:57,030 --> 00:02:55,440

on in space are really different from

96

00:02:58,229 --> 00:02:57,040

what we might think here on earth can

97

00:03:00,710 --> 00:02:58,239

you kind of tell us a little bit about

98

00:03:02,070 --> 00:03:00,720

what that really involves well when we

99

00:03:03,750 --> 00:03:02,080

think about everything floating around

100

00:03:06,309 --> 00:03:03,760

that means literally everything is going

101
00:03:09,190 --> 00:03:06,319
to float around and the only way that

102
00:03:11,750 --> 00:03:09,200
things get someplace is usually with the

103
00:03:13,990 --> 00:03:11,760
air circulation system so we've got

104
00:03:15,830 --> 00:03:14,000
literally air conditioning heating in

105
00:03:17,990 --> 00:03:15,840
its air that's going to flow you know in

106
00:03:19,750 --> 00:03:18,000
one place and out another and often when

107
00:03:21,430 --> 00:03:19,760
it's flowing into the system there's a

108
00:03:23,509 --> 00:03:21,440
screen there to keep you know anything

109
00:03:25,509 --> 00:03:23,519
that's been floating around the cabin um

110
00:03:26,789 --> 00:03:25,519
from going through there as well and

111
00:03:28,949 --> 00:03:26,799
there are certain places around the

112
00:03:30,630 --> 00:03:28,959
space station that we understand

113
00:03:32,390 --> 00:03:30,640

given the airflow that that is where

114

00:03:34,390 --> 00:03:32,400

we're going to find the things that we

115

00:03:35,830 --> 00:03:34,400

lost even when we don't know that we

116

00:03:38,550 --> 00:03:35,840

lost them it's your flashlight and your

117

00:03:40,149 --> 00:03:38,560

pencil pencil or your clipboard or in my

118

00:03:42,309 --> 00:03:40,159

case i actually did misplace my flute

119

00:03:43,830 --> 00:03:42,319

one time up there

120

00:03:45,910 --> 00:03:43,840

and found it on one of those events well

121

00:03:47,670 --> 00:03:45,920

in the crew quarters we have a number of

122

00:03:49,110 --> 00:03:47,680

different vents that make sure that the

123

00:03:50,789 --> 00:03:49,120

air that we're breathing in the crew

124

00:03:52,949 --> 00:03:50,799

quarters is really clean

125

00:03:53,910 --> 00:03:52,959

and they have really fine filters on

126
00:03:56,149 --> 00:03:53,920
them and

127
00:03:58,550 --> 00:03:56,159
once every long while we actually take

128
00:03:59,589 --> 00:03:58,560
that whole crew quarters apart and

129
00:04:02,789 --> 00:03:59,599
vacuum

130
00:04:05,110 --> 00:04:02,799
those those uh um

131
00:04:07,030 --> 00:04:05,120
places where the the lint and the dust

132
00:04:08,949 --> 00:04:07,040
and even just it sounds terrible but you

133
00:04:11,750 --> 00:04:08,959
know dead skin and just the little

134
00:04:13,429 --> 00:04:11,760
pieces of stuff those are all collected

135
00:04:15,030 --> 00:04:13,439
and they're not going into the crew

136
00:04:17,830 --> 00:04:15,040
quarters well chris is going to take

137
00:04:19,590 --> 00:04:17,840
that thing apart and vacuum all that

138
00:04:22,629 --> 00:04:19,600

dust up and vacuuming is really the only

139

00:04:24,390 --> 00:04:22,639

way to to clean things up that are small

140

00:04:26,150 --> 00:04:24,400

and particulate

141

00:04:27,430 --> 00:04:26,160

it's amazing it's you know just these

142

00:04:28,950 --> 00:04:27,440

human factor types of things that we

143

00:04:30,710 --> 00:04:28,960

don't think about here on earth that

144

00:04:31,830 --> 00:04:30,720

that really are important up there sure

145

00:04:33,749 --> 00:04:31,840

you know we spent a lot of time just

146

00:04:35,909 --> 00:04:33,759

talking about what are the best kinds of

147

00:04:38,710 --> 00:04:35,919

vacuum cleaner adapters

148

00:04:40,469 --> 00:04:38,720

because there there is a lot of dust and

149

00:04:42,710 --> 00:04:40,479

dirt that um

150

00:04:45,270 --> 00:04:42,720

maybe ends up on the vents but also can

151
00:04:46,790 --> 00:04:45,280
sort of cling just to the walls into

152
00:04:48,550 --> 00:04:46,800
pieces of equipment through static

153
00:04:50,550 --> 00:04:48,560
electricity and the only way to get them

154
00:04:52,469 --> 00:04:50,560
off is to have the vacuum kind of

155
00:04:53,909 --> 00:04:52,479
directly interface with them so we talk

156
00:04:55,830 --> 00:04:53,919
a lot about what attachments we want to

157
00:04:58,230 --> 00:04:55,840
have on on hand up there to be really

158
00:04:59,830 --> 00:04:58,240
effective at cleaning well i know

159
00:05:02,390 --> 00:04:59,840
cleaning and keeping the surfaces all

160
00:05:04,390 --> 00:05:02,400
very clean is an important priority in

161
00:05:06,390 --> 00:05:04,400
fact on the weekends you guys have time

162
00:05:07,830 --> 00:05:06,400
designated for housekeeping can you tell

163
00:05:09,430 --> 00:05:07,840

us a little bit about what that involves

164

00:05:11,749 --> 00:05:09,440

is it the same every week and is it

165

00:05:13,189 --> 00:05:11,759

pretty a pretty routine

166

00:05:15,110 --> 00:05:13,199

similar to what we would be doing here

167

00:05:17,270 --> 00:05:15,120

at home on the weekends it is very much

168

00:05:18,870 --> 00:05:17,280

like doing chores and we divide the

169

00:05:20,870 --> 00:05:18,880

space station up kind of geographically

170

00:05:23,110 --> 00:05:20,880

usually and that way you know you know

171

00:05:25,909 --> 00:05:23,120

your jobs and you can do them each week

172

00:05:27,670 --> 00:05:25,919

a lot of it does involve vacuuming where

173

00:05:29,510 --> 00:05:27,680

we're going to go to the vents where we

174

00:05:31,590 --> 00:05:29,520

know stuff collects all the time and

175

00:05:33,189 --> 00:05:31,600

clean those off so that the air flow

176

00:05:35,110 --> 00:05:33,199

isn't clogged

177

00:05:36,230 --> 00:05:35,120

and then we're also going to go to some

178

00:05:38,230 --> 00:05:36,240

vents that you know they don't get

179

00:05:40,070 --> 00:05:38,240

clogged as much because they're further

180

00:05:41,430 --> 00:05:40,080

into the system and chances are they're

181

00:05:43,670 --> 00:05:41,440

harder to get to we have to maybe

182

00:05:45,909 --> 00:05:43,680

unscrew a panel and go back there and

183

00:05:47,909 --> 00:05:45,919

find it and get to the vent and you know

184

00:05:48,710 --> 00:05:47,919

we might do some every month we might do

185

00:05:50,629 --> 00:05:48,720

some

186

00:05:51,990 --> 00:05:50,639

there's a lot that we do every single

187

00:05:53,909 --> 00:05:52,000

week

188

00:05:55,670 --> 00:05:53,919

and even just kind of just cleaning up

189

00:05:58,070 --> 00:05:55,680

around there finding stuff that maybe

190

00:05:59,990 --> 00:05:58,080

i'm doing an experiment and i

191

00:06:01,670 --> 00:06:00,000

you know sit something you know velcro

192

00:06:03,350 --> 00:06:01,680

something to the wall next to that

193

00:06:05,430 --> 00:06:03,360

experiment that i needed maybe even just

194

00:06:07,510 --> 00:06:05,440

a timer or something like that this once

195

00:06:08,629 --> 00:06:07,520

a week time is is time to go oh wait a

196

00:06:10,550 --> 00:06:08,639

minute that should actually be with all

197

00:06:12,790 --> 00:06:10,560

the timers so it's a way just to get the

198

00:06:14,390 --> 00:06:12,800

space station um in order and it's kind

199

00:06:16,070 --> 00:06:14,400

of it's really actually kind of fun to

200

00:06:18,309 --> 00:06:16,080

because we get to fly everywhere up

201
00:06:20,790 --> 00:06:18,319
there i used to have the japanese module

202
00:06:22,550 --> 00:06:20,800
as my place that i cleaned and you know

203
00:06:23,749 --> 00:06:22,560
it's you've got like the the vacuum

204
00:06:25,590 --> 00:06:23,759
cleaner you're just kind of holding on

205
00:06:27,110 --> 00:06:25,600
to that and you know often actually

206
00:06:29,029 --> 00:06:27,120
right between your legs between your

207
00:06:31,749 --> 00:06:29,039
feet is the easiest place to keep that

208
00:06:33,830 --> 00:06:31,759
vacuum cleaner and i'm just flying along

209
00:06:34,550 --> 00:06:33,840
using one hand to guide myself and sort

210
00:06:37,670 --> 00:06:34,560
of

211
00:06:40,870 --> 00:06:37,680
you know skim along the the module and

212
00:06:42,550 --> 00:06:40,880
i'm using the other hand to vacuum so if

213
00:06:44,950 --> 00:06:42,560

i got to fly around the house vacuuming

214

00:06:46,070 --> 00:06:44,960

i think i would do it a lot more often i

215

00:06:47,590 --> 00:06:46,080

was just going to say it sounds like

216

00:06:49,110 --> 00:06:47,600

chores in space are a lot more fun than

217

00:06:50,390 --> 00:06:49,120

they are here on earth

218

00:06:52,070 --> 00:06:50,400

they really can i'll tell you the things

219

00:06:53,830 --> 00:06:52,080

that are kind of a pain are

220

00:06:55,749 --> 00:06:53,840

when everything is floating around maybe

221

00:06:57,189 --> 00:06:55,759

maybe your job is let's say they asked

222

00:06:58,390 --> 00:06:57,199

you to count you know how many batteries

223

00:07:00,150 --> 00:06:58,400

are in this bag

224

00:07:01,990 --> 00:07:00,160

well they're all floating around and

225

00:07:03,430 --> 00:07:02,000

chances are it's kind of hard to do and

226

00:07:05,270 --> 00:07:03,440

we discovered that early on and now we

227

00:07:07,350 --> 00:07:05,280

package batteries and bags so that we're

228

00:07:08,870 --> 00:07:07,360

just counting groups of bags but

229

00:07:11,029 --> 00:07:08,880

things that are hard to keep track of

230

00:07:13,189 --> 00:07:11,039

and that when you try to open it up and

231

00:07:15,110 --> 00:07:13,199

see what's in there everything's kind of

232

00:07:16,390 --> 00:07:15,120

you know floating around that kind of

233

00:07:18,230 --> 00:07:16,400

stuff can be kind of frustrating but

234

00:07:19,430 --> 00:07:18,240

otherwise cleaning's pretty fun the

235

00:07:20,790 --> 00:07:19,440

other thing that i noticed in the

236

00:07:22,790 --> 00:07:20,800

procedures that i thought was really

237

00:07:24,790 --> 00:07:22,800

interesting is that he can only spend a

238

00:07:26,710 --> 00:07:24,800

certain amount of time in those quarters

239

00:07:28,309 --> 00:07:26,720

or in his particular area because of the

240

00:07:32,950 --> 00:07:28,319

ventilation

241

00:07:35,749 --> 00:07:32,960

that we've measured i mean because

242

00:07:36,790 --> 00:07:35,759

um we don't have convection up there so

243

00:07:39,029 --> 00:07:36,800

think of a

244

00:07:40,870 --> 00:07:39,039

hot air balloon where the lighter gases

245

00:07:43,029 --> 00:07:40,880

are going to rise you know that and

246

00:07:44,869 --> 00:07:43,039

that's that leads to mixing you know

247

00:07:47,270 --> 00:07:44,879

here in our atmosphere and that's what

248

00:07:48,790 --> 00:07:47,280

weather is really all about is hot air

249

00:07:51,510 --> 00:07:48,800

and cold air you know getting

250

00:07:53,110 --> 00:07:51,520

recirculated and moisture as well

251
00:07:54,550 --> 00:07:53,120
we don't have that kind of movement in

252
00:07:56,710 --> 00:07:54,560
the space station and so in a place

253
00:07:59,029 --> 00:07:56,720
where there isn't a lot of airflow

254
00:08:01,670 --> 00:07:59,039
we could actually by being there and

255
00:08:03,110 --> 00:08:01,680
breathing for a while populate that area

256
00:08:04,869 --> 00:08:03,120
with co2

257
00:08:07,350 --> 00:08:04,879
and so then we're not breathing enough

258
00:08:09,189 --> 00:08:07,360
oxygen so that's why in some places that

259
00:08:11,029 --> 00:08:09,199
we know there's not very good air flow

260
00:08:14,070 --> 00:08:11,039
we have time limits for what one of the

261
00:08:16,230 --> 00:08:14,080
time we can spend there

262
00:08:17,589 --> 00:08:16,240
it's really really interesting so i'm

263
00:08:19,029 --> 00:08:17,599

sure all this is bringing back a lot of

264

00:08:20,550 --> 00:08:19,039

memories for you what are you missing

265

00:08:22,070 --> 00:08:20,560

the most now that you're here on earth

266

00:08:23,350 --> 00:08:22,080

but following along and seeing some of

267

00:08:25,110 --> 00:08:23,360

your friends and counterparts up there

268

00:08:26,869 --> 00:08:25,120

is there a part that really speaks to

269

00:08:29,110 --> 00:08:26,879

you that you really miss

270

00:08:31,029 --> 00:08:29,120

well i i loved just

271

00:08:33,430 --> 00:08:31,039

living up there i mean i loved the fact

272

00:08:35,589 --> 00:08:33,440

that it was like being a colonist like

273

00:08:37,990 --> 00:08:35,599

being somebody to be the first person to

274

00:08:39,670 --> 00:08:38,000

live on another planet where all the

275

00:08:42,389 --> 00:08:39,680

rules are different and that's so clear

276

00:08:44,149 --> 00:08:42,399

every single day because of the we say

277

00:08:46,070 --> 00:08:44,159

the floating around but

278

00:08:47,509 --> 00:08:46,080

really it's flying you know when i want

279

00:08:48,949 --> 00:08:47,519

to go from one end of the lab to the

280

00:08:49,829 --> 00:08:48,959

other i'm going to give myself a little

281

00:08:51,590 --> 00:08:49,839

push

282

00:08:53,110 --> 00:08:51,600

and off i go until i meet another

283

00:08:54,790 --> 00:08:53,120

surface and you get better and better at

284

00:08:57,430 --> 00:08:54,800

that and that's actually another thing

285

00:08:59,110 --> 00:08:57,440

that probably chris cassidy is getting

286

00:09:01,269 --> 00:08:59,120

better at is it's kind of fun when we

287

00:09:03,030 --> 00:09:01,279

first get on board we're not so good at

288

00:09:03,750 --> 00:09:03,040

that flying around and we tend to sort

289

00:09:06,710 --> 00:09:03,760

of

290

00:09:08,870 --> 00:09:06,720

grab from place to place hand by hand as

291

00:09:11,750 --> 00:09:08,880

if you were climbing up a ladder or

292

00:09:14,949 --> 00:09:11,760

something and after we get better at it

293

00:09:16,870 --> 00:09:14,959

we're just using a finger or two to

294

00:09:19,269 --> 00:09:16,880

redirect ourselves and fly off in

295

00:09:21,350 --> 00:09:19,279

another direction on the space station

296

00:09:23,910 --> 00:09:21,360

and that also means that we probably

297

00:09:25,750 --> 00:09:23,920

knock less stuff off the walls

298

00:09:27,750 --> 00:09:25,760

and are less clumsy after a little while

299

00:09:29,430 --> 00:09:27,760

and it's as a new person you're just

300

00:09:31,430 --> 00:09:29,440

trying to get better at moving around

301
00:09:33,430 --> 00:09:31,440
but i did just love

302
00:09:34,550 --> 00:09:33,440
living up there and just waking up in

303
00:09:37,190 --> 00:09:34,560
the morning

304
00:09:39,590 --> 00:09:37,200
and flying you know down to the node

305
00:09:41,110 --> 00:09:39,600
three um you know brushing my teeth

306
00:09:43,269 --> 00:09:41,120
going to the bathroom all those things

307
00:09:44,389 --> 00:09:43,279
and and reporting for our conference

308
00:09:45,670 --> 00:09:44,399
every morning

309
00:09:47,190 --> 00:09:45,680
and then just starting the work of the

310
00:09:48,550 --> 00:09:47,200
day and and i'm just making some of that

311
00:09:50,949 --> 00:09:48,560
work happen because i think it's really

312
00:09:53,430 --> 00:09:50,959
important work that we do up there wow

313
00:09:54,630 --> 00:09:53,440

well we know it's uh it's it's nice when

314

00:09:56,870 --> 00:09:54,640

you can't be there at least you have

315

00:09:59,190 --> 00:09:56,880

close friends doing it and speaking of

316

00:10:00,710 --> 00:09:59,200

supporting them you've moved on to a

317

00:10:02,389 --> 00:10:00,720

different job now within the astronaut

318

00:10:04,069 --> 00:10:02,399

office you're still in the core what

319

00:10:05,509 --> 00:10:04,079

what is your job nowadays now that

320

00:10:07,670 --> 00:10:05,519

you've kind of completed your post

321

00:10:09,829 --> 00:10:07,680

flight and the debriefs well we're all

322

00:10:11,990 --> 00:10:09,839

in line you know wishing to to fly again

323

00:10:14,389 --> 00:10:12,000

but that line is pretty long and in the

324

00:10:15,829 --> 00:10:14,399

meantime it's really our my job to help

325

00:10:18,389 --> 00:10:15,839

make sure that other crew members are

326

00:10:21,190 --> 00:10:18,399

ready and specifically for these

327

00:10:22,550 --> 00:10:21,200

visiting vehicles these new commer

328

00:10:24,949 --> 00:10:22,560

commercial made by our commercial

329

00:10:27,350 --> 00:10:24,959

partners supply ships that come up and

330

00:10:29,750 --> 00:10:27,360

get grabbed by the robotic arm i was the

331

00:10:32,870 --> 00:10:29,760

second person to do that on orbit

332

00:10:34,870 --> 00:10:32,880

and it's a pretty exciting event when

333

00:10:37,990 --> 00:10:34,880

uh you've got you know the space station

334

00:10:39,750 --> 00:10:38,000

going at 17 500 miles an hour and then

335

00:10:42,310 --> 00:10:39,760

right alongside it you know driving on

336

00:10:43,670 --> 00:10:42,320

the same highway is this supply ship and

337

00:10:45,590 --> 00:10:43,680

you are going to use the controls the

338

00:10:46,630 --> 00:10:45,600

robotic arm to reach out and capture

339

00:10:48,630 --> 00:10:46,640

that thing

340

00:10:50,470 --> 00:10:48,640

and hopefully not sort of tip it you

341

00:10:52,870 --> 00:10:50,480

know or hit it such that it's going to

342

00:10:54,230 --> 00:10:52,880

go away from the space station or even

343

00:10:56,389 --> 00:10:54,240

worse towards the space station so it's

344

00:10:58,389 --> 00:10:56,399

a pretty critical operation and then

345

00:11:01,670 --> 00:10:58,399

just attaching that to the space station

346

00:11:03,670 --> 00:11:01,680

unloading the supplies packing trash or

347

00:11:05,670 --> 00:11:03,680

things that need to come back to earth

348

00:11:07,990 --> 00:11:05,680

back into that ship so i've done that

349

00:11:10,550 --> 00:11:08,000

operation on orbit and now i get to kind

350

00:11:11,990 --> 00:11:10,560

of be the the mother of supply ships and

351

00:11:13,509 --> 00:11:12,000

make sure that the the ground

352

00:11:15,910 --> 00:11:13,519

understands what the crew might be doing

353

00:11:17,509 --> 00:11:15,920

up there and that the crew understands

354

00:11:18,949 --> 00:11:17,519

you know how all that works and when

355

00:11:21,350 --> 00:11:18,959

they say something what that really

356

00:11:23,110 --> 00:11:21,360

means on the ground it's pretty fun

357

00:11:24,150 --> 00:11:23,120

absolutely i think it's invaluable to

358

00:11:25,670 --> 00:11:24,160

you know for them to have your

359

00:11:27,590 --> 00:11:25,680

perspective in that role and we

360

00:11:29,430 --> 00:11:27,600

certainly hope you get to fly again but

361

00:11:30,790 --> 00:11:29,440

uh we know you're really busy and really

362

00:11:31,829 --> 00:11:30,800

appreciate you taking the time to kind

363

00:11:33,430 --> 00:11:31,839

of share with us a little bit of the

364

00:11:35,509 --> 00:11:33,440

perspective of what the crew is

365

00:11:36,949 --> 00:11:35,519

experiencing now uh hey it's no problem

366

00:11:38,630 --> 00:11:36,959

let me just tell you real quick nicole

367

00:11:39,910 --> 00:11:38,640

that actually the newest supply ship

368

00:11:41,910 --> 00:11:39,920

that's one that i'm in charge of is

369

00:11:43,269 --> 00:11:41,920

called cygnus it's by the orbital

370

00:11:45,990 --> 00:11:43,279

sciences company

371

00:11:47,110 --> 00:11:46,000

and that has its first test launch not

372

00:11:49,509 --> 00:11:47,120

coming to the space station with just

373

00:11:51,509 --> 00:11:49,519

the test launch next week which is

374

00:11:53,350 --> 00:11:51,519

really exciting and it should be coming

375

00:11:54,949 --> 00:11:53,360

to the space station just a few months

376

00:11:56,790 --> 00:11:54,959

after that so we're pretty busy down

377

00:11:58,230 --> 00:11:56,800

here getting ready for that but it's

378

00:12:00,629 --> 00:11:58,240

pretty it's a pretty exciting time with

379

00:12:02,230 --> 00:12:00,639

these new commercial partners absolutely

380

00:12:03,990 --> 00:12:02,240

thank you so very much hey thank you

381

00:12:06,310 --> 00:12:04,000

nicole it's nice to talk to you take

382

00:12:08,710 --> 00:12:06,320

care you too and a reminder you can

383

00:12:10,470 --> 00:12:08,720

follow katie on twitter at astro

384

00:12:13,190 --> 00:12:10,480

underscore katie

385

00:12:14,629 --> 00:12:13,200

and of course explore more about the

386

00:12:18,629 --> 00:12:14,639

life on the international space station

387

00:12:22,629 --> 00:12:20,790

station where you can find the timelines

388

00:12:24,790 --> 00:12:22,639

you can listen to the real-time audio

389

00:12:26,150 --> 00:12:24,800

and see video lots of resources there

390

00:12:27,910 --> 00:12:26,160

for you to learn more about what it's