



1
00:00:24,710 --> 00:00:19,040
[Music]

2
00:00:24,720 --> 00:00:32,390
t-minus one minute

3
00:00:32,400 --> 00:00:42,830
[Music]

4
00:00:42,840 --> 00:00:52,420
so

5
00:01:08,149 --> 00:00:54,630
[Music]

6
00:01:17,670 --> 00:01:13,830
we are go for launch

7
00:01:21,590 --> 00:01:17,680
t-minus ten nine eight

8
00:01:25,590 --> 00:01:21,600
seven six five four

9
00:01:27,990 --> 00:01:25,600
three two one

10
00:01:29,990 --> 00:01:28,000
this is the nasa social for nasa's

11
00:01:41,970 --> 00:01:30,000
spacex crew 2 mission

12
00:01:41,980 --> 00:01:52,830
[Music]

13
00:01:52,840 --> 00:01:59,690

so

14

00:02:20,710 --> 00:02:11,570

[Music]

15

00:02:24,150 --> 00:02:22,710

hi everyone welcome to the crew 2

16

00:02:25,990 --> 00:02:24,160

virtual nasa social

17

00:02:28,229 --> 00:02:26,000

i'm kristen leyva with nasa's launch

18

00:02:30,070 --> 00:02:28,239

services program and we are so excited

19

00:02:32,150 --> 00:02:30,080

for you all to be here with us today

20

00:02:33,670 --> 00:02:32,160

we have a really exciting show in store

21

00:02:35,270 --> 00:02:33,680

for you all with some guests from

22

00:02:37,589 --> 00:02:35,280

commercial crew program

23

00:02:39,509 --> 00:02:37,599

the space forces detachment 3 team and

24

00:02:41,030 --> 00:02:39,519

even a nasa astronaut

25

00:02:43,190 --> 00:02:41,040

you definitely will not want to miss

26

00:02:44,949 --> 00:02:43,200

this but before we jump into all the

27

00:02:46,229 --> 00:02:44,959

excitement i want to introduce you to my

28

00:02:48,550 --> 00:02:46,239

amazing co-host

29

00:02:50,710 --> 00:02:48,560

allison tinkersley allison how excited

30

00:02:52,550 --> 00:02:50,720

are you for launch this thursday

31

00:02:54,229 --> 00:02:52,560

kristen i am so excited for launch of

32

00:02:54,790 --> 00:02:54,239

the crew 2 mission on thursday this is

33

00:02:58,550 --> 00:02:54,800

another

34

00:02:59,910 --> 00:02:58,560

great uh milestone for nasa and spacex

35

00:03:01,589 --> 00:02:59,920

and i'm even more thrilled to be here

36

00:03:03,110 --> 00:03:01,599

with you at the social desk

37

00:03:05,110 --> 00:03:03,120

please ask your questions in the

38

00:03:07,110 --> 00:03:05,120

comments below you're using the hashtag

39

00:03:08,630 --> 00:03:07,120

asknasa and your question might get

40

00:03:09,910 --> 00:03:08,640

answered live by one of our subject

41

00:03:11,350 --> 00:03:09,920

matter experts

42

00:03:13,670 --> 00:03:11,360

kristin can you tell us where we can

43

00:03:15,589 --> 00:03:13,680

watch the launch on thursday

44

00:03:17,110 --> 00:03:15,599

absolutely so launch will be this

45

00:03:19,830 --> 00:03:17,120

thursday april 22nd

46

00:03:21,910 --> 00:03:19,840

at 6 11 eastern time you can catch our

47

00:03:24,390 --> 00:03:21,920

live coverage starting at 2 am eastern

48

00:03:27,509 --> 00:03:24,400

time on any of our social media channels

49

00:03:28,470 --> 00:03:27,519

nasa.gov forward slash live or on nasa

50

00:03:30,070 --> 00:03:28,480

tv

51
00:03:31,670 --> 00:03:30,080
the crew 2 mission will be sending four

52
00:03:32,390 --> 00:03:31,680
astronauts to the international space

53
00:03:33,830 --> 00:03:32,400
station

54
00:03:35,990 --> 00:03:33,840
two of which will actually be our

55
00:03:37,830 --> 00:03:36,000
international partners which is a

56
00:03:39,430 --> 00:03:37,840
milestone for this mission that has not

57
00:03:40,229 --> 00:03:39,440
been done yet before so it's really

58
00:03:41,830 --> 00:03:40,239
exciting

59
00:03:43,910 --> 00:03:41,840
on that note this will also be the

60
00:03:46,149 --> 00:03:43,920
second crew operational flight since we

61
00:03:47,830 --> 00:03:46,159
launched crew one in early november so

62
00:03:49,270 --> 00:03:47,840
with that i would love to introduce you

63
00:03:51,270 --> 00:03:49,280

all to our very first guest

64

00:03:52,710 --> 00:03:51,280

jessica parsons who is the commercial

65

00:03:54,229 --> 00:03:52,720

crew mission manager

66

00:03:56,229 --> 00:03:54,239

jessica thank you so much for being with

67

00:03:56,949 --> 00:03:56,239

us today good morning thank you for

68

00:03:58,789 --> 00:03:56,959

having me

69

00:04:00,229 --> 00:03:58,799

yeah we're really excited to have you so

70

00:04:02,470 --> 00:04:00,239

i know we were talking earlier and the

71

00:04:04,149 --> 00:04:02,480

mission manager is such a big role

72

00:04:05,910 --> 00:04:04,159

especially preparing for a mission like

73

00:04:06,949 --> 00:04:05,920

crew 2. can you tell us a little bit

74

00:04:08,630 --> 00:04:06,959

more about your role

75

00:04:10,070 --> 00:04:08,640

and what you do in preparation for

76

00:04:12,390 --> 00:04:10,080

something like crew 2

77

00:04:14,229 --> 00:04:12,400

absolutely so i'm actually the mission

78

00:04:16,310 --> 00:04:14,239

manager for crew 3 which is supposed to

79

00:04:19,110 --> 00:04:16,320

be launching in october of this year

80

00:04:21,189 --> 00:04:19,120

so it's very excited about that what a

81

00:04:23,189 --> 00:04:21,199

mission manager we are responsible for

82

00:04:23,749 --> 00:04:23,199

integrating all different aspects of the

83

00:04:26,230 --> 00:04:23,759

mission

84

00:04:27,189 --> 00:04:26,240

our job release starts a year before the

85

00:04:30,150 --> 00:04:27,199

mission

86

00:04:31,749 --> 00:04:30,160

launches and at that point we're you

87

00:04:33,590 --> 00:04:31,759

know we work with a commercial provider

88

00:04:35,350 --> 00:04:33,600

with spacex in this case

89
00:04:36,870 --> 00:04:35,360
and they have a mission manager assigned

90
00:04:38,469 --> 00:04:36,880
as well so we they're kind of like our

91
00:04:40,790 --> 00:04:38,479
partner we work with them

92
00:04:42,310 --> 00:04:40,800
every day to understand what's happening

93
00:04:42,629 --> 00:04:42,320
with the mission what's happening with

94
00:04:48,310 --> 00:04:42,639
the

95
00:04:51,990 --> 00:04:48,320
as it's going on production

96
00:04:53,590 --> 00:04:52,000
try to understand any challenges that

97
00:04:55,110 --> 00:04:53,600
might get on the way of the schedule

98
00:04:56,150 --> 00:04:55,120
because that's really important for

99
00:04:58,469 --> 00:04:56,160
example

100
00:04:59,909 --> 00:04:58,479
uh in this case we're doing a crew

101
00:05:02,629 --> 00:04:59,919
handover right so we have

102
00:05:04,870 --> 00:05:02,639
crew one coming down a week a few days

103
00:05:06,310 --> 00:05:04,880
after crew 2 arrives to this playstation

104
00:05:08,230 --> 00:05:06,320
so we got to make sure that

105
00:05:11,270 --> 00:05:08,240
the mission is ready to launch just how

106
00:05:13,430 --> 00:05:11,280
we're doing today for crew 2.

107
00:05:16,469 --> 00:05:13,440
also we work a lot with engineering

108
00:05:19,350 --> 00:05:16,479
teams with the operational teams

109
00:05:20,469 --> 00:05:19,360
with the flight crew office to

110
00:05:24,550 --> 00:05:20,479
understand

111
00:05:26,710 --> 00:05:24,560
are in crew training

112
00:05:27,909 --> 00:05:26,720
so we keep tabs all along the mission

113
00:05:30,629 --> 00:05:27,919

and what's going on

114

00:05:31,909 --> 00:05:30,639

and then for launch we're responsible to

115

00:05:34,870 --> 00:05:31,919

helping prepare

116

00:05:37,029 --> 00:05:34,880

to get that flight readiness approval

117

00:05:37,590 --> 00:05:37,039

that the mission is ready we demonstrate

118

00:05:42,310 --> 00:05:37,600

that

119

00:05:43,350 --> 00:05:42,320

the vehicle is ready and safe to fly the

120

00:05:47,189 --> 00:05:43,360

astronauts

121

00:05:48,070 --> 00:05:47,199

and then after that as a mission manager

122

00:05:50,550 --> 00:05:48,080

that's really

123

00:05:51,270 --> 00:05:50,560

where our job begins because we followed

124

00:05:53,990 --> 00:05:51,280

the mission

125

00:05:55,830 --> 00:05:54,000

for until it's ready to come and splash

126
00:05:58,469 --> 00:05:55,840
down so in this case it's about six

127
00:05:59,430 --> 00:05:58,479
months uh we do periodic checkouts of

128
00:06:01,270 --> 00:05:59,440
the dragon

129
00:06:03,110 --> 00:06:01,280
every week there's a checkout that

130
00:06:05,029 --> 00:06:03,120
happens when the dragon's on orbit

131
00:06:07,029 --> 00:06:05,039
and about every month the dragon gets

132
00:06:08,230 --> 00:06:07,039
power up and we check out systems just

133
00:06:10,550 --> 00:06:08,240
to make sure that

134
00:06:12,070 --> 00:06:10,560
everything is going well and that

135
00:06:14,550 --> 00:06:12,080
there's not going to be any issues when

136
00:06:16,230 --> 00:06:14,560
the capsule is getting to return

137
00:06:18,070 --> 00:06:16,240
that's amazing it sounds as a mission

138
00:06:19,909 --> 00:06:18,080

manager you're involved in almost every

139

00:06:21,350 --> 00:06:19,919

facet of the launch campaign so that's

140

00:06:22,550 --> 00:06:21,360

super exciting

141

00:06:24,070 --> 00:06:22,560

and you're getting to do really

142

00:06:25,670 --> 00:06:24,080

impactful work so how do you think

143

00:06:28,230 --> 00:06:25,680

you're going to feel whenever

144

00:06:28,790 --> 00:06:28,240

crew 2 launches on thursday oh it's

145

00:06:31,110 --> 00:06:28,800

going to be

146

00:06:32,629 --> 00:06:31,120

so exciting and it's one of the reasons

147

00:06:34,150 --> 00:06:32,639

why i love working for this program

148

00:06:36,790 --> 00:06:34,160

because i know i'm contributing

149

00:06:38,469 --> 00:06:36,800

personally to sending those astronauts

150

00:06:40,629 --> 00:06:38,479

to the space station

151
00:06:43,029 --> 00:06:40,639
making sure they have a safe flight so

152
00:06:45,270 --> 00:06:43,039
it's very exciting i can't wait till

153
00:06:46,070 --> 00:06:45,280
this lunch happens yeah that is so

154
00:06:48,230 --> 00:06:46,080
awesome so

155
00:06:49,430 --> 00:06:48,240
did you always want to pursue space in

156
00:06:52,390 --> 00:06:49,440
the aerospace industry

157
00:06:53,589 --> 00:06:52,400
and and one day launch rockets actually

158
00:06:56,629 --> 00:06:53,599
i did

159
00:06:58,469 --> 00:06:56,639
since i was a little kid i was about

160
00:07:00,390 --> 00:06:58,479
probably five seven years old one of

161
00:07:02,629 --> 00:07:00,400
those kids that was obsessed with space

162
00:07:03,670 --> 00:07:02,639
and i always wanted to work for nasa i

163
00:07:06,070 --> 00:07:03,680

pretty much

164

00:07:07,029 --> 00:07:06,080

try to design my life just to work for

165

00:07:09,029 --> 00:07:07,039

nasa

166

00:07:10,390 --> 00:07:09,039

um i grew up in another country i grew

167

00:07:14,390 --> 00:07:10,400

up in colombia

168

00:07:16,469 --> 00:07:14,400

and my dream then was to come

169

00:07:17,430 --> 00:07:16,479

work for nasa even like being in another

170

00:07:20,230 --> 00:07:17,440

country

171

00:07:22,550 --> 00:07:20,240

so what i end up doing is when i was in

172

00:07:25,909 --> 00:07:22,560

high school i moved to the united states

173

00:07:27,510 --> 00:07:25,919

and i finished high school here and then

174

00:07:29,189 --> 00:07:27,520

when i was in high school i actually

175

00:07:30,870 --> 00:07:29,199

went and talked to my high school

176

00:07:32,790 --> 00:07:30,880

counselor and ask her

177

00:07:35,270 --> 00:07:32,800

so what career will get me to work for

178

00:07:37,510 --> 00:07:35,280

nasa and she said well probably in

179

00:07:39,510 --> 00:07:37,520

engineering it's pretty safe bet

180

00:07:41,270 --> 00:07:39,520

so she showed me all the lists of

181

00:07:42,950 --> 00:07:41,280

engineering careers and

182

00:07:45,189 --> 00:07:42,960

i was like well there's aerospace

183

00:07:46,869 --> 00:07:45,199

engineer that has the word space

184

00:07:49,430 --> 00:07:46,879

and literally that's how i went and

185

00:07:53,110 --> 00:07:49,440

applied to become an aerospace engineer

186

00:07:55,510 --> 00:07:53,120

so that always was my dream and

187

00:07:56,869 --> 00:07:55,520

you know i started working for nasa as a

188

00:07:59,749 --> 00:07:56,879

co-op as an intern

189

00:08:00,309 --> 00:07:59,759

when i was in college and that really

190

00:08:02,469 --> 00:08:00,319

got me

191

00:08:03,990 --> 00:08:02,479

uh the minute i got that phone call i

192

00:08:06,550 --> 00:08:04,000

was super excited because i knew

193

00:08:07,430 --> 00:08:06,560

like my foot wasn't at the door and it

194

00:08:10,629 --> 00:08:07,440

was like my dream

195

00:08:12,469 --> 00:08:10,639

coming true that is amazing thank you so

196

00:08:14,309 --> 00:08:12,479

much for sharing your story

197

00:08:15,749 --> 00:08:14,319

um i think we're going to take some

198

00:08:16,469 --> 00:08:15,759

social media questions i'm sure we'll

199

00:08:18,230 --> 00:08:16,479

have a ton

200

00:08:20,469 --> 00:08:18,240

after a little bit of your story what do

201
00:08:22,550 --> 00:08:20,479
you have for us over there allison

202
00:08:24,070 --> 00:08:22,560
yes jessica that was an excellent story

203
00:08:25,589 --> 00:08:24,080
viewers be sure to keep sending us your

204
00:08:26,309 --> 00:08:25,599
questions in the comments below or using

205
00:08:29,270 --> 00:08:26,319
the hashtag

206
00:08:30,309 --> 00:08:29,280
asknasa for questions for jessica

207
00:08:31,909 --> 00:08:30,319
jessica can you tell us a little bit

208
00:08:33,350 --> 00:08:31,919
more this is a very exciting role what

209
00:08:33,750 --> 00:08:33,360
is it that you're most looking forward

210
00:08:36,790 --> 00:08:33,760
to

211
00:08:38,870 --> 00:08:36,800
with the crew 2 launch what i'm

212
00:08:40,389 --> 00:08:38,880
mostly looking forward to is definitely

213
00:08:42,630 --> 00:08:40,399

the launch and

214

00:08:45,269 --> 00:08:42,640

you know the moment that we see that

215

00:08:47,350 --> 00:08:45,279

door open the hatch open on iss knowing

216

00:08:50,550 --> 00:08:47,360

that the crew has mainly safe

217

00:08:52,070 --> 00:08:50,560

to the international space station

218

00:08:54,790 --> 00:08:52,080

and where will you be watching the

219

00:08:56,949 --> 00:08:54,800

launch from i'm actually will be

220

00:08:57,910 --> 00:08:56,959

uh i'll be at the johnson space center

221

00:09:00,230 --> 00:08:57,920

in houston

222

00:09:01,350 --> 00:09:00,240

part of my job is to monitor the mission

223

00:09:03,750 --> 00:09:01,360

from there

224

00:09:04,550 --> 00:09:03,760

so we have a control room where we

225

00:09:06,150 --> 00:09:04,560

monitor

226

00:09:08,550 --> 00:09:06,160

and i will be watching the launch from

227

00:09:11,590 --> 00:09:08,560

there and i'll be alternating shifts

228

00:09:12,790 --> 00:09:11,600

with other of my teammates and i'll be

229

00:09:15,829 --> 00:09:12,800

there all the way through

230

00:09:18,070 --> 00:09:15,839

the we dock and then the dragon capsules

231

00:09:19,190 --> 00:09:18,080

actually power off

232

00:09:21,350 --> 00:09:19,200

can you tell us a little bit more about

233

00:09:23,269 --> 00:09:21,360

these shifts i know that spacex and nasa

234

00:09:24,310 --> 00:09:23,279

do some interesting shift work uh

235

00:09:26,790 --> 00:09:24,320

for the times that we have to be

236

00:09:27,910 --> 00:09:26,800

available for launches yeah so and this

237

00:09:29,590 --> 00:09:27,920

mission has been a little bit

238

00:09:31,269 --> 00:09:29,600

challenging because you guys know the

239

00:09:33,350 --> 00:09:31,279

launch it's at six am

240

00:09:34,470 --> 00:09:33,360

uh well our launch countdown really

241

00:09:38,230 --> 00:09:34,480

starts about

242

00:09:39,509 --> 00:09:38,240

five to six hours before the t-zero time

243

00:09:41,269 --> 00:09:39,519

so when you think about it that's about

244

00:09:43,350 --> 00:09:41,279

midnight and there's a lot of

245

00:09:44,150 --> 00:09:43,360

preparations that have to happen before

246

00:09:46,230 --> 00:09:44,160

launch we

247

00:09:48,470 --> 00:09:46,240

i just had uh you know our web dress

248

00:09:49,110 --> 00:09:48,480

rehearsal which is where we fuel up the

249

00:09:50,630 --> 00:09:49,120

vehicle

250

00:09:52,470 --> 00:09:50,640

and then we also had the dry dress

251
00:09:52,870 --> 00:09:52,480
rehearsal with the crew where they go

252
00:09:54,470 --> 00:09:52,880
and

253
00:09:57,430 --> 00:09:54,480
do all the practice to get into the

254
00:10:00,470 --> 00:09:57,440
capsule and all these events were

255
00:10:02,310 --> 00:10:00,480
in this you know time frame so it's been

256
00:10:03,990 --> 00:10:02,320
a little bit hard on the team as we have

257
00:10:06,389 --> 00:10:04,000
to adjust from our normal day

258
00:10:07,990 --> 00:10:06,399
lives you know working during the day to

259
00:10:10,389 --> 00:10:08,000
now shift at night

260
00:10:12,389 --> 00:10:10,399
and that shifts continues all the way

261
00:10:14,470 --> 00:10:12,399
through launch so

262
00:10:16,829 --> 00:10:14,480
you know it's part of part of the role

263
00:10:18,389 --> 00:10:16,839

part of dealing with different lunch

264

00:10:19,590 --> 00:10:18,399

times

265

00:10:21,430 --> 00:10:19,600

definitely one of the many exciting

266

00:10:23,110 --> 00:10:21,440

things about working at nasa and we do

267

00:10:24,710 --> 00:10:23,120

have a viewer whose daughter is in the

268

00:10:25,350 --> 00:10:24,720

sixth grade and interested in working at

269

00:10:28,150 --> 00:10:25,360

nasa

270

00:10:29,269 --> 00:10:28,160

what advice do you have for her i would

271

00:10:31,190 --> 00:10:29,279

say the

272

00:10:32,710 --> 00:10:31,200

advice i always give people is follow

273

00:10:36,069 --> 00:10:32,720

your dream because

274

00:10:36,389 --> 00:10:36,079

i think as long as you work hard and you

275

00:10:38,310 --> 00:10:36,399

have

276

00:10:39,590 --> 00:10:38,320

passion for what you want to do i think

277

00:10:41,509 --> 00:10:39,600

you can achieve that

278

00:10:42,710 --> 00:10:41,519

i think that i can relate that to my

279

00:10:44,870 --> 00:10:42,720

life story i mean

280

00:10:45,990 --> 00:10:44,880

i didn't even speak english when i moved

281

00:10:48,630 --> 00:10:46,000

to the united states

282

00:10:50,310 --> 00:10:48,640

and because what i wanted to do was to

283

00:10:51,990 --> 00:10:50,320

really work for nasa i

284

00:10:54,630 --> 00:10:52,000

taught myself english in a couple of

285

00:10:57,829 --> 00:10:54,640

years and i'm here today and

286

00:11:00,150 --> 00:10:57,839

all of that it's was done by

287

00:11:01,670 --> 00:11:00,160

you know my self-driven attitude that i

288

00:11:02,470 --> 00:11:01,680

could do it and i really wanted to do

289

00:11:03,990 --> 00:11:02,480

that so

290

00:11:06,230 --> 00:11:04,000

i think as long as you know she's

291

00:11:08,470 --> 00:11:06,240

motivated she wants to

292

00:11:10,710 --> 00:11:08,480

work for nasa just study hard and you

293

00:11:12,790 --> 00:11:10,720

will get there

294

00:11:14,630 --> 00:11:12,800

that's such an inspiring story can you

295

00:11:15,910 --> 00:11:14,640

tell us a little bit about how after

296

00:11:18,630 --> 00:11:15,920

getting your degree getting your job at

297

00:11:21,509 --> 00:11:18,640

nasa how did you fall into this role

298

00:11:23,350 --> 00:11:21,519

well i had i've been with nasa for

299

00:11:25,590 --> 00:11:23,360

almost 20 years and

300

00:11:26,790 --> 00:11:25,600

i've had a lot of different roles i

301
00:11:28,630 --> 00:11:26,800
cannot say

302
00:11:30,630 --> 00:11:28,640
i wanted to be a mission manager when i

303
00:11:31,750 --> 00:11:30,640
grew up but that's never what i imagined

304
00:11:35,269 --> 00:11:31,760
i wanted to do

305
00:11:38,389 --> 00:11:35,279
but i do want to have an exciting and

306
00:11:38,949 --> 00:11:38,399
you know inspiring job and i think i'm

307
00:11:41,509 --> 00:11:38,959
there

308
00:11:43,910 --> 00:11:41,519
i'm here today but i also had many other

309
00:11:46,470 --> 00:11:43,920
roles previously in my career

310
00:11:48,710 --> 00:11:46,480
funnily enough i started working in the

311
00:11:50,389 --> 00:11:48,720
international space station program here

312
00:11:52,550 --> 00:11:50,399
at kennedy space center

313
00:11:54,470 --> 00:11:52,560

so when i started my job i got to see

314

00:11:56,629 --> 00:11:54,480

all the different modules that are part

315

00:11:57,750 --> 00:11:56,639

two of the iss i got to do a lot of

316

00:11:59,990 --> 00:11:57,760

testing on them

317

00:12:01,670 --> 00:12:00,000

and i feel like life has kind of done a

318

00:12:02,710 --> 00:12:01,680

turnaround because now we're launching

319

00:12:04,790 --> 00:12:02,720

astronauts that

320

00:12:05,829 --> 00:12:04,800

are going to the iss are going to those

321

00:12:09,350 --> 00:12:05,839

modules that i help

322

00:12:11,190 --> 00:12:09,360

assemble and test here at ksc

323

00:12:13,190 --> 00:12:11,200

so at nasa there's a lot of different

324

00:12:13,910 --> 00:12:13,200

opportunities i've never been afraid of

325

00:12:16,389 --> 00:12:13,920

taking

326

00:12:17,990 --> 00:12:16,399

different roles i had many roles in my

327

00:12:19,590 --> 00:12:18,000

career almost feel like i

328

00:12:21,750 --> 00:12:19,600

shift to something different every two

329

00:12:23,509 --> 00:12:21,760

to three years but it's also part of

330

00:12:25,750 --> 00:12:23,519

growing as an individual i feel like

331

00:12:28,710 --> 00:12:25,760

whenever i take on something different

332

00:12:30,150 --> 00:12:28,720

i grow and i learn about that and to me

333

00:12:31,829 --> 00:12:30,160

that's really important

334

00:12:33,509 --> 00:12:31,839

and it helps me where i mean where i am

335

00:12:35,110 --> 00:12:33,519

today

336

00:12:36,949 --> 00:12:35,120

how awesome to go from starting working

337

00:12:38,230 --> 00:12:36,959

on the iss and then getting astronauts

338

00:12:39,829 --> 00:12:38,240

to the iss

339

00:12:42,069 --> 00:12:39,839

we have a question from youtube if you

340

00:12:46,710 --> 00:12:42,079

had a chance to fly on crew dragon

341

00:12:49,590 --> 00:12:46,720

would you do it and if so for how long

342

00:12:50,150 --> 00:12:49,600

if i had a chance i really would um you

343

00:12:51,750 --> 00:12:50,160

know

344

00:12:53,590 --> 00:12:51,760

like i said as a kid that was my dream

345

00:12:54,550 --> 00:12:53,600

to work for nasa maybe to become an

346

00:12:57,990 --> 00:12:54,560

astronaut

347

00:13:01,430 --> 00:12:58,000

but i felt like as my life uh

348

00:13:04,310 --> 00:13:01,440

you know my my life choices probably uh

349

00:13:05,190 --> 00:13:04,320

didn't help with that i had a family i

350

00:13:08,389 --> 00:13:05,200

have a family

351

00:13:10,150 --> 00:13:08,399

i have two young children and to me

352

00:13:11,750 --> 00:13:10,160

leaving them for such a long period of

353

00:13:16,710 --> 00:13:11,760

time knowing that i would be

354

00:13:18,550 --> 00:13:16,720

so far away it's something that probably

355

00:13:19,990 --> 00:13:18,560

it stops me from saying yes i want to go

356

00:13:21,910 --> 00:13:20,000

fly a dragon and be there for

357

00:13:24,310 --> 00:13:21,920

six months i mean i think it's awesome

358

00:13:26,710 --> 00:13:24,320

that astronauts like megan

359

00:13:28,710 --> 00:13:26,720

are doing that but it's just not my

360

00:13:33,910 --> 00:13:28,720

personal

361

00:13:35,750 --> 00:13:33,920

we can get the whole family to go as a

362

00:13:39,030 --> 00:13:35,760

group vacation then

363

00:13:41,670 --> 00:13:39,040

and we have one last question

364

00:13:43,350 --> 00:13:41,680

what is your favorite part about the job

365

00:13:44,870 --> 00:13:43,360

my favorite part about the job is

366

00:13:47,030 --> 00:13:44,880

knowing again that i am doing

367

00:13:48,150 --> 00:13:47,040

something significant that i'm

368

00:13:50,550 --> 00:13:48,160

contributing to

369

00:13:52,069 --> 00:13:50,560

having these astronauts go in iss you

370

00:13:55,030 --> 00:13:52,079

know everything that i do

371

00:13:56,550 --> 00:13:55,040

on my day-to-day job is helping for that

372

00:13:59,269 --> 00:13:56,560

mission making sure that we

373

00:14:00,150 --> 00:13:59,279

are ready and that astronauts are there

374

00:14:02,470 --> 00:14:00,160

safe so

375

00:14:03,990 --> 00:14:02,480

just knowing that it's uh that's my

376

00:14:06,069 --> 00:14:04,000

contribution to the program

377

00:14:08,470 --> 00:14:06,079

is probably the most inspiring thing

378

00:14:10,550 --> 00:14:08,480

most joyful thing

379

00:14:11,990 --> 00:14:10,560

that is awesome well your story and the

380

00:14:13,829 --> 00:14:12,000

work that you're doing is super

381

00:14:15,189 --> 00:14:13,839

inspiring so we really loved hearing

382

00:14:16,069 --> 00:14:15,199

from you today thank you so much for

383

00:14:17,910 --> 00:14:16,079

joining us

384

00:14:20,150 --> 00:14:17,920

absolutely thank you for having me thank

385

00:14:22,870 --> 00:14:20,160

you well and good luck with crew 2.

386

00:14:24,790 --> 00:14:22,880

go crew 2. all right next we'll be

387

00:14:25,509 --> 00:14:24,800

hearing from the space forces attachment

388

00:14:27,670 --> 00:14:25,519

3 team

389

00:14:29,430 --> 00:14:27,680

specifically major chris hearn but

390

00:14:30,790 --> 00:14:29,440

before we hear from him let's go ahead

391

00:14:31,509 --> 00:14:30,800

and learn a little bit more about the

392

00:14:34,550 --> 00:14:31,519

debt three

393

00:14:36,150 --> 00:14:34,560

program with the retirement of nasa's

394

00:14:38,230 --> 00:14:36,160

shuttle program in 2011

395

00:14:40,870 --> 00:14:38,240

the u.s has not seen human space flight

396

00:14:42,949 --> 00:14:40,880

from its soil in almost a decade

397

00:14:43,990 --> 00:14:42,959

the airmen of the 45th operations group

398

00:14:45,670 --> 00:14:44,000

detachment 3

399

00:14:47,430 --> 00:14:45,680

have stayed mission ready and have been

400

00:14:49,030 --> 00:14:47,440

here since the beginnings of human space

401
00:14:50,870 --> 00:14:49,040
flight

402
00:14:52,310 --> 00:14:50,880
from mercury redstone rockets to the

403
00:14:54,150 --> 00:14:52,320
launch vehicles of today

404
00:14:55,990 --> 00:14:54,160
they oversee postured launch rescue

405
00:14:57,030 --> 00:14:56,000
forces for all manned spaceflight

406
00:14:58,790 --> 00:14:57,040
operations

407
00:15:00,310 --> 00:14:58,800
ensuring the safety of our nation's

408
00:15:01,990 --> 00:15:00,320
astronauts

409
00:15:03,829 --> 00:15:02,000
leading up to the return of human space

410
00:15:06,629 --> 00:15:03,839
flight the team has been training

411
00:15:08,550 --> 00:15:06,639
and working with spacex nasa and boeing

412
00:15:09,670 --> 00:15:08,560
to prepare for any type of launch rescue

413
00:15:11,269 --> 00:15:09,680

contingency

414

00:15:12,710 --> 00:15:11,279

this training allows our team to work

415

00:15:14,710 --> 00:15:12,720

with and demonstrate to

416

00:15:17,189 --> 00:15:14,720

current and future mission partners and

417

00:15:19,750 --> 00:15:17,199

our nation our continued ability

418

00:15:20,310 --> 00:15:19,760

to ensure that an astronaut's worst day

419

00:15:27,189 --> 00:15:20,320

is not

420

00:15:29,509 --> 00:15:27,199

their last day

421

00:15:31,110 --> 00:15:29,519

wow what an amazing video it really

422

00:15:33,030 --> 00:15:31,120

highlights what a critical role

423

00:15:33,990 --> 00:15:33,040

detachment three plays in a launch like

424

00:15:36,069 --> 00:15:34,000

crew 2

425

00:15:37,430 --> 00:15:36,079

and with us today i actually have major

426

00:15:38,230 --> 00:15:37,440

chris hearn who can speak to that a

427

00:15:39,910 --> 00:15:38,240

little bit

428

00:15:41,430 --> 00:15:39,920

major chris hearn thank you so much for

429

00:15:42,069 --> 00:15:41,440

being with us today we're really excited

430

00:15:44,310 --> 00:15:42,079

to have you

431

00:15:46,949 --> 00:15:44,320

thank you so much for having me awesome

432

00:15:48,949 --> 00:15:46,959

so after that video i mean that is a

433

00:15:49,910 --> 00:15:48,959

really specialized team can you tell us

434

00:15:52,150 --> 00:15:49,920

a little bit more

435

00:15:53,670 --> 00:15:52,160

about the detachment 3 team and what

436

00:15:55,269 --> 00:15:53,680

your role is within the team

437

00:15:57,430 --> 00:15:55,279

yes ma'am so we're a dual-headed

438

00:15:59,590 --> 00:15:57,440

organization so for our service port

439

00:16:01,269 --> 00:15:59,600

we organize train and equip the dod to

440

00:16:02,389 --> 00:16:01,279

support the three nasa human space

441

00:16:03,990 --> 00:16:02,399

flight programs

442

00:16:05,509 --> 00:16:04,000

and then day of mission we actually run

443

00:16:06,150 --> 00:16:05,519

the operations center prepared to

444

00:16:09,269 --> 00:16:06,160

respond

445

00:16:10,150 --> 00:16:09,279

should our assistance be required me

446

00:16:12,150 --> 00:16:10,160

personally

447

00:16:13,350 --> 00:16:12,160

day to day i work as the recovery

448

00:16:15,110 --> 00:16:13,360

operations chief

449

00:16:16,870 --> 00:16:15,120

which means i work nominal into mission

450

00:16:18,230 --> 00:16:16,880

for the artemis program coordinating and

451
00:16:19,829 --> 00:16:18,240
teaching the navy to retrieve the

452
00:16:21,430 --> 00:16:19,839
capsule when it splashes down off the

453
00:16:23,030 --> 00:16:21,440
course of california

454
00:16:24,470 --> 00:16:23,040
whereas for commercial crew i'll

455
00:16:26,949 --> 00:16:24,480
actually be in the rad cc

456
00:16:28,550 --> 00:16:26,959
is the dod liaison passing information

457
00:16:30,150 --> 00:16:28,560
back to our operations center at patrick

458
00:16:31,829 --> 00:16:30,160
space force base

459
00:16:33,189 --> 00:16:31,839
that's amazing it sounds like you have

460
00:16:35,269 --> 00:16:33,199
to kind of

461
00:16:36,389 --> 00:16:35,279
take a really unique path in order to

462
00:16:37,990 --> 00:16:36,399
get to

463
00:16:39,350 --> 00:16:38,000

this organization so can you tell us a

464

00:16:41,269 --> 00:16:39,360

little bit about your background and how

465

00:16:44,230 --> 00:16:41,279

you ended up in the detachment 3 team

466

00:16:46,150 --> 00:16:44,240

yes ma'am i'm a cesar which is combat

467

00:16:49,110 --> 00:16:46,160

search and rescue helicopter pilot

468

00:16:50,790 --> 00:16:49,120

i've been flying for 16 years and as a

469

00:16:52,230 --> 00:16:50,800

rescue expert i was brought onto the

470

00:16:53,670 --> 00:16:52,240

team just to provide that rescue

471

00:16:55,110 --> 00:16:53,680

background and then you kind of learn

472

00:16:57,110 --> 00:16:55,120

additional skills so

473

00:16:58,790 --> 00:16:57,120

never thought as a helicopter pilot uh

474

00:17:00,550 --> 00:16:58,800

i'd be working with the navy to retrieve

475

00:17:01,430 --> 00:17:00,560

spaceships but it's been an awesome

476
00:17:03,910 --> 00:17:01,440
opportunity

477
00:17:06,789 --> 00:17:03,920
yeah that is amazing so what is your

478
00:17:08,549 --> 00:17:06,799
favorite part about this job

479
00:17:10,549 --> 00:17:08,559
the people i get interact with has been

480
00:17:12,470 --> 00:17:10,559
incredible the nasa team

481
00:17:14,150 --> 00:17:12,480
i've done a lot with commercial crew and

482
00:17:15,829 --> 00:17:14,160
both the artemis programs and everybody

483
00:17:16,710 --> 00:17:15,839
at nasa has just been so fantastic to

484
00:17:18,309 --> 00:17:16,720
work with

485
00:17:20,390 --> 00:17:18,319
and it's neat getting to know in a small

486
00:17:22,630 --> 00:17:20,400
way i get to leave my fingerprint

487
00:17:23,750 --> 00:17:22,640
in the on the space program yeah that is

488
00:17:25,270 --> 00:17:23,760

really awesome well i'm sure

489

00:17:27,110 --> 00:17:25,280

you've left your fingerprint and a lot

490

00:17:28,549 --> 00:17:27,120

of really impactful scenarios given that

491

00:17:31,270 --> 00:17:28,559

you were a rescue

492

00:17:33,029 --> 00:17:31,280

in rescue operations did you always know

493

00:17:33,909 --> 00:17:33,039

that you wanted to fly helicopters one

494

00:17:36,310 --> 00:17:33,919

day

495

00:17:38,230 --> 00:17:36,320

so it's actually circular uh when i was

496

00:17:39,990 --> 00:17:38,240

six years old i was inspired by how many

497

00:17:40,870 --> 00:17:40,000

of the nasa astronauts were air force

498

00:17:42,870 --> 00:17:40,880

pilots

499

00:17:44,150 --> 00:17:42,880

and so i announced i was going to be an

500

00:17:45,830 --> 00:17:44,160

air force pilot

501
00:17:47,830 --> 00:17:45,840
by the time i got to high school things

502
00:17:49,190 --> 00:17:47,840
had changed i fell in love with serving

503
00:17:49,590 --> 00:17:49,200
my country being part of something

504
00:17:51,510 --> 00:17:49,600
bigger

505
00:17:53,029 --> 00:17:51,520
than myself and so i kind of stopped

506
00:17:56,230 --> 00:17:53,039
thinking about the nasa

507
00:17:57,990 --> 00:17:56,240
inspiration uh to wind up coming back to

508
00:17:58,710 --> 00:17:58,000
this job uh towards this part of my

509
00:18:00,549 --> 00:17:58,720
career and so

510
00:18:01,750 --> 00:18:00,559
really brings it full circle for me and

511
00:18:04,230 --> 00:18:01,760
it's been very fulfilling

512
00:18:05,510 --> 00:18:04,240
yeah that is super awesome i bet it is a

513
00:18:07,430 --> 00:18:05,520

really fulfilling career

514

00:18:08,870 --> 00:18:07,440

i'm sure we have a ton of social media

515

00:18:10,310 --> 00:18:08,880

questions who are interested in your

516

00:18:14,230 --> 00:18:10,320

career so we'll go ahead and kick it

517

00:18:15,830 --> 00:18:14,240

over to allison and answer some of those

518

00:18:16,950 --> 00:18:15,840

before i send over the first question

519

00:18:17,590 --> 00:18:16,960

just want to remind anyone who's just

520

00:18:19,190 --> 00:18:17,600

joining us

521

00:18:21,029 --> 00:18:19,200

you can ask your questions in the

522

00:18:22,630 --> 00:18:21,039

comments below or using the hashtag

523

00:18:24,549 --> 00:18:22,640

asknasa

524

00:18:25,669 --> 00:18:24,559

for our first question can you tell us a

525

00:18:27,510 --> 00:18:25,679

little bit about how long you've been a

526

00:18:28,789 --> 00:18:27,520

part of this team

527

00:18:30,710 --> 00:18:28,799

actually today is my three year

528

00:18:33,590 --> 00:18:30,720

anniversary i showed up uh

529

00:18:35,350 --> 00:18:33,600

in april of 2018 and uh have been loving

530

00:18:37,270 --> 00:18:35,360

it ever since

531

00:18:39,350 --> 00:18:37,280

well congratulations we're super excited

532

00:18:40,710 --> 00:18:39,360

to have you here on this anniversary

533

00:18:42,710 --> 00:18:40,720

and then what advice do you have for

534

00:18:45,430 --> 00:18:42,720

someone who wants to work in the space

535

00:18:48,950 --> 00:18:48,390

so the best thing i can advise is work

536

00:18:52,710 --> 00:18:48,960

hard

537

00:18:53,270 --> 00:18:52,720

both academically and athletically stay

538

00:18:55,510 --> 00:18:53,280

in shape

539

00:18:56,950 --> 00:18:55,520

and you know start learning about it

540

00:19:00,150 --> 00:18:56,960

learn what it is you want to do

541

00:19:02,230 --> 00:19:00,160

i mean there's everything from cooks to

542

00:19:04,789 --> 00:19:02,240

firefighters all the way through pilots

543

00:19:07,350 --> 00:19:04,799

and and space operators so

544

00:19:09,669 --> 00:19:07,360

really educate yourself and chase your

545

00:19:12,230 --> 00:19:09,679

dream

546

00:19:13,909 --> 00:19:12,240

great advice i'd love to hear more about

547

00:19:15,510 --> 00:19:13,919

what your day-to-day looks like can you

548

00:19:17,909 --> 00:19:15,520

walk us through a practice scenario on

549

00:19:19,430 --> 00:19:17,919

your team

550

00:19:21,029 --> 00:19:19,440

so one day at launch we'll stand up the

551
00:19:22,150 --> 00:19:21,039
support operations center at patrick

552
00:19:25,110 --> 00:19:22,160
space force base

553
00:19:26,150 --> 00:19:25,120
four hours prior to launch and they'll

554
00:19:27,909 --> 00:19:26,160
begin running checklists and

555
00:19:29,830 --> 00:19:27,919
coordinating with dod personnel all over

556
00:19:30,630 --> 00:19:29,840
the globe we'll have alert forces at

557
00:19:32,310 --> 00:19:30,640
patrick

558
00:19:34,070 --> 00:19:32,320
joint base charleston and joint base

559
00:19:35,430 --> 00:19:34,080
pearl harbor-hickam and from the

560
00:19:36,710 --> 00:19:35,440
operations center we'll make sure that

561
00:19:38,710 --> 00:19:36,720
all of those teams are prepared and

562
00:19:41,029 --> 00:19:38,720
ready to respond should there be an

563
00:19:42,950 --> 00:19:41,039

off nominal or contingency event and

564

00:19:45,350 --> 00:19:42,960

then we'll be on console through launch

565

00:19:47,430 --> 00:19:45,360

once orbital insertion happens we'll

566

00:19:49,830 --> 00:19:47,440

pair down to min forces

567

00:19:53,430 --> 00:19:49,840

and wait for docking to release the

568

00:19:54,630 --> 00:19:53,440

rescue assets

569

00:19:56,630 --> 00:19:54,640

very important but i'm sure you're

570

00:19:58,789 --> 00:19:56,640

hoping that you don't have to ever do

571

00:20:00,150 --> 00:19:58,799

too much of a busy day our viewers do

572

00:20:01,430 --> 00:20:00,160

want to know can you talk about

573

00:20:03,270 --> 00:20:01,440

what we would do if there was a pad

574

00:20:05,430 --> 00:20:03,280

abort

575

00:20:07,350 --> 00:20:05,440

so part of the rescue alert posture is a

576
00:20:08,630 --> 00:20:07,360
team of air force para rescue men and a

577
00:20:11,669 --> 00:20:08,640
combat rescue officer

578
00:20:14,310 --> 00:20:11,679
stationed at patrick with two hh-60

579
00:20:16,710 --> 00:20:14,320
helicopters and two hc-130js

580
00:20:18,470 --> 00:20:16,720
and should a pad abort happen we will

581
00:20:20,310 --> 00:20:18,480
alert them they will take off and hold

582
00:20:22,710 --> 00:20:20,320
outside the range once

583
00:20:24,390 --> 00:20:22,720
it is declared safe they will continue

584
00:20:26,230 --> 00:20:24,400
in and the pararescuemen will either

585
00:20:28,070 --> 00:20:26,240
jump from the c-130 or

586
00:20:30,070 --> 00:20:28,080
helocast from the helicopters they will

587
00:20:31,750 --> 00:20:30,080
assist the astronauts extract them

588
00:20:33,110 --> 00:20:31,760

and then the helicopters will come pull

589

00:20:37,029 --> 00:20:33,120

them out of the life raft and take them

590

00:20:42,149 --> 00:20:39,110

very important job how often do you guys

591

00:20:44,230 --> 00:20:42,159

train for these scenarios

592

00:20:45,909 --> 00:20:44,240

so we train constantly it just depends

593

00:20:49,830 --> 00:20:45,919

on the level we do what we call a full

594

00:20:51,669 --> 00:20:49,840

mission profile for ccp every 18 months

595

00:20:53,590 --> 00:20:51,679

but we do smaller rehearsals such as

596

00:20:55,430 --> 00:20:53,600

tabletop exercises and

597

00:20:58,630 --> 00:20:55,440

command and control exercises almost

598

00:21:04,470 --> 00:21:00,789

and youtube asks nasa wants to know what

599

00:21:08,549 --> 00:21:06,390

again very similar to the question four

600

00:21:10,789 --> 00:21:08,559

i love the people i get to interact with

601
00:21:12,950 --> 00:21:10,799
on the nasa side on the dod side it's

602
00:21:14,549 --> 00:21:12,960
it's just an incredible team of people

603
00:21:16,470 --> 00:21:14,559
working to make these amazing things

604
00:21:20,310 --> 00:21:16,480
happen for our country and continue the

605
00:21:23,270 --> 00:21:21,510
and if you just want to know where will

606
00:21:24,390 --> 00:21:23,280
you be stationed specifically during

607
00:21:25,909 --> 00:21:24,400
lunch

608
00:21:28,310 --> 00:21:25,919
so during the launch i'll be in the rad

609
00:21:29,510 --> 00:21:28,320
cc on kennedy space center and i'll be

610
00:21:31,350 --> 00:21:29,520
liaising between

611
00:21:32,870 --> 00:21:31,360
nasa and then back to our support

612
00:21:35,590 --> 00:21:32,880
operations center at patrick space force

613
00:21:39,029 --> 00:21:36,950

awesome and can you tell us a little bit

614

00:21:42,149 --> 00:21:39,039

more about the detachment three motto

615

00:21:43,830 --> 00:21:42,159

what is it and what does it mean

616

00:21:45,510 --> 00:21:43,840

the air force rescue model is these

617

00:21:46,549 --> 00:21:45,520

things we do that others may live and

618

00:21:49,909 --> 00:21:46,559

it's applicable

619

00:21:52,149 --> 00:21:49,919

in detachment three because uh

620

00:21:54,149 --> 00:21:52,159

very similar it's all about saving lives

621

00:21:55,669 --> 00:21:54,159

and uh it's trying to make sure that

622

00:21:58,230 --> 00:21:55,679

somebody's worst day isn't their last

623

00:22:01,190 --> 00:21:58,240

day and so we we pull that

624

00:22:02,710 --> 00:22:01,200

that mindset from rescue into the human

625

00:22:04,870 --> 00:22:02,720

space flight support office

626
00:22:06,390 --> 00:22:04,880
and as you said we hope our services are

627
00:22:06,870 --> 00:22:06,400
never needed but if they are we want to

628
00:22:10,630 --> 00:22:06,880
make sure

629
00:22:11,430 --> 00:22:10,640
they're perfect sounds like a good motto

630
00:22:12,789 --> 00:22:11,440
to me

631
00:22:14,630 --> 00:22:12,799
that is all the questions we have from

632
00:22:16,950 --> 00:22:14,640
social thank you so much for joining us

633
00:22:18,390 --> 00:22:16,960
thank you man yes thank you major hearn

634
00:22:19,750 --> 00:22:18,400
you are doing really impactful work and

635
00:22:23,430 --> 00:22:19,760
we appreciate you

636
00:22:24,870 --> 00:22:23,440
and all that you do for nasa thank you

637
00:22:27,590 --> 00:22:24,880
all right next up we're going to be

638
00:22:29,789 --> 00:22:27,600

hearing from our nasa astronaut tracy

639

00:22:32,070 --> 00:22:29,799

caldwell dyson who has logged more than

640

00:22:34,710 --> 00:22:32,080

188 days in space and over

641

00:22:36,310 --> 00:22:34,720

22 hours in spacewalk this is something

642

00:22:37,990 --> 00:22:36,320

you don't want to miss but before she

643

00:22:46,170 --> 00:22:38,000

joins us let's check out this awesome

644

00:23:13,190 --> 00:22:56,390

[Music]

645

00:23:16,950 --> 00:23:15,110

what an awesome video if you weren't

646

00:23:17,590 --> 00:23:16,960

excited about launch yet i'm sure that

647

00:23:20,549 --> 00:23:17,600

video

648

00:23:22,149 --> 00:23:20,559

will get you super inspired and to top

649

00:23:24,789 --> 00:23:22,159

it off we now have our

650

00:23:26,630 --> 00:23:24,799

nasa astronaut tracy caldwell dyson

651
00:23:28,310 --> 00:23:26,640
tracy thank you so much for being here i

652
00:23:30,230 --> 00:23:28,320
know i'm super excited to talk to you

653
00:23:31,669 --> 00:23:30,240
and i bet even the viewers at home are

654
00:23:33,909 --> 00:23:31,679
like sitting on their needle pins and

655
00:23:35,669 --> 00:23:33,919
needles is so exciting thank you it's a

656
00:23:36,070 --> 00:23:35,679
pleasure to be here and i'm just as

657
00:23:38,710 --> 00:23:36,080
excited

658
00:23:40,789 --> 00:23:38,720
as all of you so awesome so i think

659
00:23:42,470 --> 00:23:40,799
everyone's probably dying to know

660
00:23:44,070 --> 00:23:42,480
what made you decide to pursue the

661
00:23:47,990 --> 00:23:44,080
astronaut route that is so

662
00:23:49,750 --> 00:23:48,000
amazing you know it was

663
00:23:51,590 --> 00:23:49,760

growing up looking at the sky i think i

664

00:23:52,549 --> 00:23:51,600

was like just about everybody else when

665

00:23:55,190 --> 00:23:52,559

you're a kid you

666

00:23:55,830 --> 00:23:55,200

you wonder what it's like to be in space

667

00:23:57,990 --> 00:23:55,840

and

668

00:23:59,909 --> 00:23:58,000

you have a bunch of questions but when i

669

00:24:01,669 --> 00:23:59,919

became when i was in high school

670

00:24:03,430 --> 00:24:01,679

around 16 years old that's when i

671

00:24:04,230 --> 00:24:03,440

started to get kind of serious about the

672

00:24:07,430 --> 00:24:04,240

thought

673

00:24:09,909 --> 00:24:07,440

and i was trying to decide what to do

674

00:24:11,830 --> 00:24:09,919

go to college what to study and it was

675

00:24:13,029 --> 00:24:11,840

at the same time that nasa was really

676
00:24:15,430 --> 00:24:13,039
excited about

677
00:24:16,149 --> 00:24:15,440
this mission to take a teacher in space

678
00:24:17,430 --> 00:24:16,159
and

679
00:24:19,350 --> 00:24:17,440
it was the challenger mission with

680
00:24:21,029 --> 00:24:19,360
christa mcauliffe and

681
00:24:23,430 --> 00:24:21,039
and before that i hadn't really thought

682
00:24:24,710 --> 00:24:23,440
about becoming an astronaut because i

683
00:24:26,470 --> 00:24:24,720
didn't know any astronauts they were

684
00:24:27,110 --> 00:24:26,480
just test pilots and i didn't know any

685
00:24:29,909 --> 00:24:27,120
but

686
00:24:31,190 --> 00:24:29,919
my goodness how many teachers do we

687
00:24:33,190 --> 00:24:31,200
interface with

688
00:24:34,870 --> 00:24:33,200

on a daily basis when we're that age and

689

00:24:36,390 --> 00:24:34,880

so it really resonated with me and at

690

00:24:37,909 --> 00:24:36,400

that point that's when i started to look

691

00:24:40,470 --> 00:24:37,919

into the astronaut corps

692

00:24:42,710 --> 00:24:40,480

and find out what was this job all about

693

00:24:44,390 --> 00:24:42,720

and the more i discovered

694

00:24:45,909 --> 00:24:44,400

about what they did the more i

695

00:24:47,350 --> 00:24:45,919

discovered it matched a lot of the

696

00:24:49,510 --> 00:24:47,360

things i enjoyed doing

697

00:24:50,950 --> 00:24:49,520

and so it was at that point i started to

698

00:24:53,190 --> 00:24:50,960

pursue it

699

00:24:54,789 --> 00:24:53,200

that's amazing so you said it pursued a

700

00:24:55,990 --> 00:24:54,799

lot of the things that you enjoyed doing

701
00:24:57,350 --> 00:24:56,000
so what are some of those things that

702
00:24:59,029 --> 00:24:57,360
you really loved and

703
00:25:01,190 --> 00:24:59,039
really wanted to take to the next level

704
00:25:03,669 --> 00:25:01,200
whenever you're becoming an astronaut

705
00:25:04,630 --> 00:25:03,679
on the top of that list is science i

706
00:25:06,470 --> 00:25:04,640
wasn't

707
00:25:07,750 --> 00:25:06,480
particularly good at science but i

708
00:25:10,549 --> 00:25:07,760
really liked it

709
00:25:12,070 --> 00:25:10,559
and i found that they were building a

710
00:25:13,750 --> 00:25:12,080
space station and they were building it

711
00:25:14,950 --> 00:25:13,760
so they could do science and i thought

712
00:25:16,950 --> 00:25:14,960
oh my gosh what

713
00:25:18,630 --> 00:25:16,960

cooler way to study science than to be

714

00:25:19,909 --> 00:25:18,640

in space doing it

715

00:25:22,789 --> 00:25:19,919

some other things is that these

716

00:25:25,190 --> 00:25:22,799

astronauts needed to

717

00:25:26,789 --> 00:25:25,200

be in great shape and i was at that time

718

00:25:28,470 --> 00:25:26,799

a student athlete and i thought i wanted

719

00:25:29,430 --> 00:25:28,480

to go to the olympics but i thought man

720

00:25:31,909 --> 00:25:29,440

doing you know

721

00:25:33,430 --> 00:25:31,919

going into space um and being in shape

722

00:25:33,750 --> 00:25:33,440

for it seems a whole lot funnier than

723

00:25:36,789 --> 00:25:33,760

that

724

00:25:38,310 --> 00:25:36,799

and so uh and lastly i worked uh much of

725

00:25:39,669 --> 00:25:38,320

my life for my father who's an

726

00:25:42,390 --> 00:25:39,679

electrical contractor

727

00:25:43,830 --> 00:25:42,400

so as an electrician at an early age and

728

00:25:45,909 --> 00:25:43,840

i loved working with tools

729

00:25:46,950 --> 00:25:45,919

i loved fixing things and when i found

730

00:25:48,950 --> 00:25:46,960

out that

731

00:25:49,990 --> 00:25:48,960

this space station was going to require

732

00:25:51,590 --> 00:25:50,000

space walks

733

00:25:53,110 --> 00:25:51,600

which is basically construction and

734

00:25:55,269 --> 00:25:53,120

space i was like i'm totally

735

00:25:56,230 --> 00:25:55,279

qualified for that so those are some of

736

00:25:58,070 --> 00:25:56,240

the things

737

00:26:00,070 --> 00:25:58,080

that is so amazing i love hearing your

738

00:26:01,669 --> 00:26:00,080

story can you

739

00:26:03,110 --> 00:26:01,679

tell us what advice would you give to

740

00:26:04,870 --> 00:26:03,120

someone who maybe wants to follow in

741

00:26:08,310 --> 00:26:04,880

your footsteps one day

742

00:26:11,110 --> 00:26:08,320

oh i would say create your own i think

743

00:26:12,789 --> 00:26:11,120

the the most important thing that any

744

00:26:15,830 --> 00:26:12,799

young person can do

745

00:26:17,269 --> 00:26:15,840

is to discover what it is they enjoy

746

00:26:18,149 --> 00:26:17,279

doing and i know that sounds really

747

00:26:20,470 --> 00:26:18,159

simple

748

00:26:21,909 --> 00:26:20,480

but i think so often when you're young

749

00:26:25,029 --> 00:26:21,919

you look to other people to

750

00:26:26,789 --> 00:26:25,039

guide you or to give you inspiration and

751
00:26:28,630 --> 00:26:26,799
you may overlook some of the things that

752
00:26:31,190 --> 00:26:28,640
really

753
00:26:32,230 --> 00:26:31,200
you're good at and you enjoy and there's

754
00:26:34,870 --> 00:26:32,240
meaning in that

755
00:26:35,590 --> 00:26:34,880
and the the more the more you enjoy what

756
00:26:38,950 --> 00:26:35,600
you're doing

757
00:26:42,310 --> 00:26:38,960
the the better you comes out

758
00:26:45,029 --> 00:26:42,320
and so i would my advice to to to anyone

759
00:26:47,190 --> 00:26:45,039
wanting to pursue a career especially as

760
00:26:48,789 --> 00:26:47,200
an astronaut is to pursue those things

761
00:26:51,430 --> 00:26:48,799
that you enjoy doing

762
00:26:53,669 --> 00:26:51,440
and pursue them with all your heart and

763
00:26:55,990 --> 00:26:53,679

the more of you you put in it the better

764

00:26:56,950 --> 00:26:56,000

you comes out and who knows where it's

765

00:26:59,110 --> 00:26:56,960

going to lead you

766

00:27:00,710 --> 00:26:59,120

yeah that is so awesome what an

767

00:27:02,390 --> 00:27:00,720

inspirational and impactful career we've

768

00:27:03,990 --> 00:27:02,400

had and that's great advice too

769

00:27:05,909 --> 00:27:04,000

what would you say has been your

770

00:27:10,149 --> 00:27:05,919

favorite moment throughout your career

771

00:27:15,830 --> 00:27:13,909

i don't have one single favorite moment

772

00:27:18,310 --> 00:27:15,840

because there are so many that this

773

00:27:21,909 --> 00:27:18,320

career has afforded me

774

00:27:25,510 --> 00:27:21,919

i would say though the most the most

775

00:27:28,710 --> 00:27:25,520

memorable part of of the work i've done

776

00:27:30,470 --> 00:27:28,720

is nothing that i have done it has been

777

00:27:32,789 --> 00:27:30,480

riding on a rocket that other people

778

00:27:34,710 --> 00:27:32,799

designed and other people manufactured

779

00:27:35,830 --> 00:27:34,720

and other people controlled to get me to

780

00:27:39,510 --> 00:27:35,840

space

781

00:27:42,230 --> 00:27:39,520

and to go into into an environment that

782

00:27:43,110 --> 00:27:42,240

is so unwelcoming to to human beings and

783

00:27:45,110 --> 00:27:43,120

to be in a sh

784

00:27:48,310 --> 00:27:45,120

in a shirt sleeve looking at a window

785

00:27:50,870 --> 00:27:48,320

and gazing at this

786

00:27:52,149 --> 00:27:50,880

extraordinary planet and seeing god's

787

00:27:53,750 --> 00:27:52,159

creation

788

00:27:56,070 --> 00:27:53,760

that will stick with me for the rest of

789

00:27:56,630 --> 00:27:56,080

my life and i feel like i did very

790

00:27:59,909 --> 00:27:56,640

little

791

00:28:00,470 --> 00:27:59,919

to to accomplish that well i don't know

792

00:28:02,389 --> 00:28:00,480

but i

793

00:28:03,750 --> 00:28:02,399

do bet that that is a remarkable view

794

00:28:06,310 --> 00:28:03,760

that many don't get to see

795

00:28:07,909 --> 00:28:06,320

so that that's really incredible i loved

796

00:28:09,029 --> 00:28:07,919

hearing that and i'm sure our viewers at

797

00:28:10,310 --> 00:28:09,039

home do too

798

00:28:11,909 --> 00:28:10,320

i think we'll go ahead and kick it over

799

00:28:13,430 --> 00:28:11,919

to some social media questions i think

800

00:28:14,710 --> 00:28:13,440

everyone's pretty excited to meet you

801
00:28:17,669 --> 00:28:14,720
and hear what else you have to say

802
00:28:19,510 --> 00:28:17,679
cool looking forward to it tracy once

803
00:28:21,909 --> 00:28:19,520
you decided you had the qualifications

804
00:28:23,909 --> 00:28:21,919
what was the process like to become an

805
00:28:25,990 --> 00:28:23,919
astronaut

806
00:28:27,990 --> 00:28:26,000
well the first step is filling out an

807
00:28:31,110 --> 00:28:28,000
application you

808
00:28:32,310 --> 00:28:31,120
whether it's you know typing a piece of

809
00:28:36,230 --> 00:28:32,320
paper back when i

810
00:28:39,430 --> 00:28:36,240
applied or going online it starts there

811
00:28:40,389 --> 00:28:39,440
and and then there are several phases of

812
00:28:43,269 --> 00:28:40,399
the process

813
00:28:45,750 --> 00:28:43,279

of selection whereby you're either going

814

00:28:48,789 --> 00:28:45,760

through medical

815

00:28:51,110 --> 00:28:48,799

exams psychological exams interviews

816

00:28:53,190 --> 00:28:51,120

and then demonstrations of your skill

817

00:28:56,470 --> 00:28:53,200

and you pass through each one of these

818

00:28:59,750 --> 00:28:56,480

um these gates if you will or phases uh

819

00:29:01,590 --> 00:28:59,760

to to then be selected um

820

00:29:03,750 --> 00:29:01,600

that's not the end of it then you you

821

00:29:05,909 --> 00:29:03,760

continue on once you're selected

822

00:29:07,269 --> 00:29:05,919

um with further um instruction and

823

00:29:10,549 --> 00:29:07,279

evaluation

824

00:29:12,230 --> 00:29:10,559

and training in order to then uh pass

825

00:29:16,549 --> 00:29:12,240

through your candidacy

826

00:29:17,909 --> 00:29:16,559

and become a full-fledged astronaut

827

00:29:19,510 --> 00:29:17,919

so we'll fast forward you're now an

828

00:29:21,190 --> 00:29:19,520

astronaut you're on your first flight

829

00:29:24,149 --> 00:29:21,200

what is the best description of how it

830

00:29:26,789 --> 00:29:24,159

feels to be in space

831

00:29:28,789 --> 00:29:26,799

oh just try not to have a giggle fit

832

00:29:32,070 --> 00:29:28,799

when you get into microgravity that

833

00:29:33,510 --> 00:29:32,080

is probably when you realize where you

834

00:29:36,230 --> 00:29:33,520

are

835

00:29:37,350 --> 00:29:36,240

after i mean it takes years to get to

836

00:29:40,789 --> 00:29:37,360

that point

837

00:29:42,310 --> 00:29:40,799

and so much intensity in your training

838

00:29:45,510 --> 00:29:42,320

and the amount of information that comes

839

00:29:47,510 --> 00:29:45,520

into your head and the amount of

840

00:29:49,190 --> 00:29:47,520

deciding you have to do about how much

841

00:29:51,269 --> 00:29:49,200

of that information i need to keep and

842

00:29:55,269 --> 00:29:51,279

how much i can throw out

843

00:29:56,870 --> 00:29:55,279

by the time you get to orbit and um

844

00:29:58,789 --> 00:29:56,880

and you're there with your crewmates

845

00:30:00,389 --> 00:29:58,799

who've been through this with you

846

00:30:03,029 --> 00:30:00,399

and you're thinking about your family

847

00:30:04,789 --> 00:30:03,039

back home who are supporting you

848

00:30:07,110 --> 00:30:04,799

gosh i cry right now thinking about it

849

00:30:09,350 --> 00:30:07,120

that you

850

00:30:10,230 --> 00:30:09,360

you're just in awe of of what just

851
00:30:11,590 --> 00:30:10,240
happened to you

852
00:30:13,350 --> 00:30:11,600
and then you got to figure out this

853
00:30:14,070 --> 00:30:13,360
whole floating thing and that takes a

854
00:30:15,190 --> 00:30:14,080
few minutes

855
00:30:17,830 --> 00:30:15,200
oh well actually it takes a little

856
00:30:21,029 --> 00:30:17,840
longer than that i hope i'll be honest

857
00:30:22,470 --> 00:30:21,039
did i answer the question you did okay

858
00:30:24,389 --> 00:30:22,480
participants wants to know falling on

859
00:30:26,230 --> 00:30:24,399
that do you have any uh

860
00:30:27,909 --> 00:30:26,240
tips or tricks for microgravity and

861
00:30:30,470 --> 00:30:27,919
effects on your body how to handle it

862
00:30:31,590 --> 00:30:30,480
oh yes do i ever we don't have a whole

863
00:30:33,110 --> 00:30:31,600

lot of time for me to get into the

864

00:30:35,110 --> 00:30:33,120

details but

865

00:30:37,830 --> 00:30:35,120

expect to be there for a little while in

866

00:30:39,510 --> 00:30:37,840

order to get really good at it because

867

00:30:41,909 --> 00:30:39,520

the first if you so if you're up there

868

00:30:44,789 --> 00:30:41,919

on a shuttle mission or some

869

00:30:46,070 --> 00:30:44,799

duration like that like two weeks forget

870

00:30:47,909 --> 00:30:46,080

it you're not going to be graceful

871

00:30:50,230 --> 00:30:47,919

you're going to be like a cow

872

00:30:51,750 --> 00:30:50,240

in space but if you're there for six

873

00:30:53,350 --> 00:30:51,760

months the first two months you're

874

00:30:54,070 --> 00:30:53,360

trying to figure out how to control your

875

00:30:55,909 --> 00:30:54,080

body

876

00:30:57,190 --> 00:30:55,919

and and how fast things float away from

877

00:30:59,190 --> 00:30:57,200

you and then

878

00:31:01,269 --> 00:30:59,200

um the the third and the fourth month

879

00:31:01,750 --> 00:31:01,279

you're you're kind of anticipating like

880

00:31:04,549 --> 00:31:01,760

oh

881

00:31:05,590 --> 00:31:04,559

i remember this is this is this is how

882

00:31:07,029 --> 00:31:05,600

space works

883

00:31:08,470 --> 00:31:07,039

and then by your fifth and sixth month

884

00:31:10,070 --> 00:31:08,480

you're really good at that's where

885

00:31:10,950 --> 00:31:10,080

that's where the grace comes in and the

886

00:31:14,870 --> 00:31:10,960

cow goes out

887

00:31:16,470 --> 00:31:14,880

so it takes six months everybody no less

888

00:31:20,149 --> 00:31:16,480

well then crew two should get it figured

889

00:31:23,350 --> 00:31:21,669

speaking of commercial companies one of

890

00:31:24,710 --> 00:31:23,360

our viewers wants to know it seems like

891

00:31:25,750 --> 00:31:24,720

there are a lot of astronauts flying

892

00:31:27,750 --> 00:31:25,760

with commercial companies

893

00:31:30,389 --> 00:31:27,760

some sub-orbital what do you think of

894

00:31:33,590 --> 00:31:30,399

all the space travel coming up

895

00:31:35,269 --> 00:31:33,600

well uh what do i think about it i think

896

00:31:36,230 --> 00:31:35,279

it's a lot of work i think it's a lot

897

00:31:38,870 --> 00:31:36,240

more work

898

00:31:40,230 --> 00:31:38,880

than people realize before they get

899

00:31:43,590 --> 00:31:40,240

involved in it

900

00:31:46,470 --> 00:31:43,600

we we cherish hollywood and how

901
00:31:47,430 --> 00:31:46,480
much they have promoted the space

902
00:31:49,909 --> 00:31:47,440
program and space

903
00:31:50,950 --> 00:31:49,919
exploration through their storytelling

904
00:31:53,029 --> 00:31:50,960
it's

905
00:31:54,950 --> 00:31:53,039
we're grateful however they they make it

906
00:31:56,470 --> 00:31:54,960
look a little too easy so i think when

907
00:31:58,710 --> 00:31:56,480
when folks get involved in

908
00:31:59,990 --> 00:31:58,720
in space flight they realize just how

909
00:32:03,190 --> 00:32:00,000
long it takes

910
00:32:03,909 --> 00:32:03,200
just how much work it takes and to be

911
00:32:05,590 --> 00:32:03,919
quite honest

912
00:32:07,350 --> 00:32:05,600
space is not a very comfortable

913
00:32:08,950 --> 00:32:07,360

environment there's a lot of work and

914

00:32:11,190 --> 00:32:08,960

time and research and development that

915

00:32:12,070 --> 00:32:11,200

goes into making it as slick as we have

916

00:32:14,230 --> 00:32:12,080

it today

917

00:32:15,430 --> 00:32:14,240

and so just be prepared be patient be

918

00:32:18,230 --> 00:32:15,440

flexible

919

00:32:19,750 --> 00:32:18,240

that's that's my best advice i think

920

00:32:21,350 --> 00:32:19,760

that's great advice and one of our

921

00:32:23,750 --> 00:32:21,360

viewers wants to know what's the most

922

00:32:25,110 --> 00:32:23,760

unexpected or surprising thing you've

923

00:32:29,190 --> 00:32:25,120

done as a part of your official

924

00:32:30,389 --> 00:32:29,200

astronaut duties

925

00:32:32,230 --> 00:32:30,399

i don't know if i could say this out

926
00:32:32,870 --> 00:32:32,240
loud but it's talk about going the

927
00:32:35,590 --> 00:32:32,880
bathroom

928
00:32:36,149 --> 00:32:35,600
in space i have talked about that more

929
00:32:39,590 --> 00:32:36,159
than i

930
00:32:42,630 --> 00:32:39,600
ever expected both in in just

931
00:32:43,029 --> 00:32:42,640
and technically speaking i i'm an expert

932
00:32:47,909 --> 00:32:43,039
on

933
00:32:50,470 --> 00:32:47,919
i never believed that would ever be

934
00:32:51,509 --> 00:32:50,480
um on my resume but that would probably

935
00:32:53,990 --> 00:32:51,519
be the most surprising

936
00:32:54,789 --> 00:32:54,000
it's probably not the most poetic but

937
00:32:57,830 --> 00:32:54,799
it's the truth

938
00:32:59,509 --> 00:32:57,840

at least it's yeah it's honest but can

939

00:33:01,430 --> 00:32:59,519

you talk about going to the bathroom

940

00:33:08,830 --> 00:33:01,440

in space in russian one of our viewers

941

00:33:08,840 --> 00:33:14,630

um

942

00:33:19,590 --> 00:33:15,830

i don't speak russian but i'm going to

943

00:33:23,430 --> 00:33:21,750

and we also have a viewer hello from

944

00:33:25,269 --> 00:33:23,440

greenland my nine-year-old son is very

945

00:33:27,029 --> 00:33:25,279

interested in space and astronauts

946

00:33:28,470 --> 00:33:27,039

is it fun to be on the international

947

00:33:31,430 --> 00:33:28,480

space station

948

00:33:33,830 --> 00:33:31,440

yes it's fun and again it's a lot of

949

00:33:37,110 --> 00:33:33,840

work you guys we are we are

950

00:33:39,509 --> 00:33:37,120

constantly working and always got our

951
00:33:42,470 --> 00:33:39,519
hands on something our head in a rack

952
00:33:43,350 --> 00:33:42,480
but it is fun to be there um to be there

953
00:33:45,509 --> 00:33:43,360
with your friends

954
00:33:47,909 --> 00:33:45,519
um and and and your fellow astronauts

955
00:33:49,110 --> 00:33:47,919
are your friends your fellow crewmates

956
00:33:51,110 --> 00:33:49,120
um because they're going through the

957
00:33:52,789 --> 00:33:51,120
same thing you're going through

958
00:33:54,549 --> 00:33:52,799
it's fun when you get to connect with

959
00:33:57,430 --> 00:33:54,559
family and friends back home

960
00:33:58,310 --> 00:33:57,440
and share the experience with them it's

961
00:34:00,389 --> 00:33:58,320
fun to

962
00:34:02,549 --> 00:34:00,399
honestly to flip around and have that

963
00:34:03,750 --> 00:34:02,559

become kind of normal in your life for

964

00:34:06,630 --> 00:34:03,760

six months

965

00:34:08,389 --> 00:34:06,640

and there's nothing that takes the place

966

00:34:12,629 --> 00:34:08,399

of looking out the window and

967

00:34:16,230 --> 00:34:14,149

i bet and we are going to switch gears a

968

00:34:18,230 --> 00:34:16,240

little bit of looking up to the sky

969

00:34:19,750 --> 00:34:18,240

from earth we have a mess that says

970

00:34:21,430 --> 00:34:19,760

tracy my daughter and i just got a

971

00:34:21,990 --> 00:34:21,440

telescope do you enjoy just looking at

972

00:34:23,829 --> 00:34:22,000

the scar

973

00:34:25,270 --> 00:34:23,839

stars and if so what is your favorite

974

00:34:28,710 --> 00:34:25,280

constellation to spot

975

00:34:31,909 --> 00:34:28,720

oh yes i do i love to look at

976

00:34:34,790 --> 00:34:31,919

the stars and i grew up in the desert

977

00:34:35,750 --> 00:34:34,800

where the sky was black the stars were

978

00:34:38,790 --> 00:34:35,760

clear

979

00:34:40,149 --> 00:34:38,800

and immense and i miss it because i live

980

00:34:41,430 --> 00:34:40,159

in houston now and there's a lot of

981

00:34:43,990 --> 00:34:41,440

light

982

00:34:44,950 --> 00:34:44,000

other than the stars what was the other

983

00:34:46,950 --> 00:34:44,960

part of that question

984

00:34:48,389 --> 00:34:46,960

i got so wrapped up in remembering what

985

00:34:49,669 --> 00:34:48,399

it looked like do you have a favorite

986

00:34:53,510 --> 00:34:49,679

constellation when you're looking

987

00:34:57,990 --> 00:34:56,069

because you can see it and not have to

988

00:34:59,030 --> 00:34:58,000

be such an astronomer to know what

989

00:35:01,190 --> 00:34:59,040

you're looking at

990

00:35:02,710 --> 00:35:01,200

but also because in the belt of orion is

991

00:35:03,109 --> 00:35:02,720

the star and i might be pronouncing it

992

00:35:06,630 --> 00:35:03,119

wrong

993

00:35:09,349 --> 00:35:06,640

rigel or regal and i love that so much i

994

00:35:13,109 --> 00:35:09,359

named my dog after it

995

00:35:14,550 --> 00:35:13,119

that's awesome going back you said your

996

00:35:15,750 --> 00:35:14,560

most talked about question is using the

997

00:35:17,109 --> 00:35:15,760

bathroom in the space as a nasa

998

00:35:18,790 --> 00:35:17,119

communicator we often get

999

00:35:20,150 --> 00:35:18,800

what is the food on the international

1000

00:35:21,349 --> 00:35:20,160

space station so i'll have you answer

1001

00:35:25,109 --> 00:35:21,359

that one for us

1002

00:35:28,630 --> 00:35:25,119

what is the food like or yeah oh well

1003

00:35:31,750 --> 00:35:28,640

it is um i'm gonna say

1004

00:35:33,349 --> 00:35:31,760

it's great uh for space food and i'm

1005

00:35:35,829 --> 00:35:33,359

hesitating just because i know we've

1006

00:35:38,790 --> 00:35:35,839

done a lot to reformulate the food

1007

00:35:39,990 --> 00:35:38,800

since i've been there and so i'm going

1008

00:35:43,829 --> 00:35:40,000

to take

1009

00:35:44,790 --> 00:35:43,839

even better than it was when i was there

1010

00:35:47,270 --> 00:35:44,800

what's really cool about the

1011

00:35:48,630 --> 00:35:47,280

international space station food is that

1012

00:35:50,470 --> 00:35:48,640

it's international

1013

00:35:52,150 --> 00:35:50,480

and so not only you know are we eating

1014

00:35:53,190 --> 00:35:52,160

meatloaf and grilled pork chops and

1015

00:35:55,670 --> 00:35:53,200

asparagus and

1016

00:35:58,710 --> 00:35:55,680

and apple pie but we're also eating

1017

00:36:00,550 --> 00:35:58,720

sushi and rice we're having um

1018

00:36:02,310 --> 00:36:00,560

you know having stew on the russian side

1019

00:36:04,630 --> 00:36:02,320

we're having

1020

00:36:05,670 --> 00:36:04,640

delicacies from from europe and it's

1021

00:36:09,750 --> 00:36:05,680

just a

1022

00:36:13,990 --> 00:36:09,760

cornucopia of flavors in space and so

1023

00:36:16,470 --> 00:36:14,000

yeah food's great sounds delicious

1024

00:36:18,390 --> 00:36:16,480

and we have time for one last question

1025

00:36:20,630 --> 00:36:18,400

if you could choose one destination

1026

00:36:22,950 --> 00:36:20,640

the international space station moon or

1027

00:36:25,910 --> 00:36:22,960

mars to go to which would you choose

1028

00:36:27,510 --> 00:36:25,920

oh i'm going to say the moon because

1029

00:36:29,109 --> 00:36:27,520

i've been to the international space

1030

00:36:29,589 --> 00:36:29,119

station and i want more people to see

1031

00:36:32,630 --> 00:36:29,599

that

1032

00:36:34,870 --> 00:36:32,640

and i've not been to the moon and i hear

1033

00:36:37,910 --> 00:36:34,880

that we might be going there soon so

1034

00:36:39,510 --> 00:36:37,920

yeah i'm going to pick the moon

1035

00:36:40,950 --> 00:36:39,520

that is awesome i think i picked the

1036

00:36:42,150 --> 00:36:40,960

moon too that seems like a really fun

1037

00:36:43,750 --> 00:36:42,160

place to visit

1038

00:36:46,230 --> 00:36:43,760

but you've gotten to see some incredible

1039

00:36:47,829 --> 00:36:46,240

views already which is amazing and

1040

00:36:49,349 --> 00:36:47,839

we can catch you again on the live

1041

00:36:51,109 --> 00:36:49,359

broadcast right yes

1042

00:36:52,790 --> 00:36:51,119

awesome we can't wait to hear from you

1043

00:36:54,550 --> 00:36:52,800

again but in the meantime thank you so

1044

00:36:55,510 --> 00:36:54,560

much for joining us it was really fun

1045

00:36:56,950 --> 00:36:55,520

having you on the show

1046

00:36:58,630 --> 00:36:56,960

thank you thank you it was a lot of fun

1047

00:37:00,470 --> 00:36:58,640

for me too

1048

00:37:01,670 --> 00:37:00,480

all right everyone and thank you all

1049

00:37:03,910 --> 00:37:01,680

back home for joining us

1050

00:37:05,510 --> 00:37:03,920

on this crew 2 nasa virtual social we

1051
00:37:06,310 --> 00:37:05,520
were so excited to have you all here

1052
00:37:07,829 --> 00:37:06,320
with us

1053
00:37:09,349 --> 00:37:07,839
you can check us out again tomorrow

1054
00:37:12,630 --> 00:37:09,359
during our countdown clock

1055
00:37:14,230 --> 00:37:12,640
show starting at 9 15 a.m eastern time

1056
00:37:16,470 --> 00:37:14,240
once again launch is going to be this

1057
00:37:18,790 --> 00:37:16,480
thursday april 22nd at 6 11

1058
00:37:21,750 --> 00:37:18,800
a.m eastern time you can catch our live

1059
00:37:23,589 --> 00:37:21,760
broadcast starting at 2 a.m that morning

1060
00:37:26,310 --> 00:37:23,599
once again check it out on our social

1061
00:37:29,270 --> 00:37:26,320
media nasa gov forward slash live

1062
00:37:31,030 --> 00:37:29,280
or on nasa tv thank you guys again so

1063
00:37:31,349 --> 00:37:31,040

much and we hope you'll continue joining