



1
00:00:08,720 --> 00:00:12,870
why did you want to be a cosmonaut

2
00:00:12,880 --> 00:00:20,950
i think

3
00:00:25,750 --> 00:00:24,070
when i was a kid i remember looking into

4
00:00:28,470 --> 00:00:25,760
the dark

5
00:00:30,950 --> 00:00:28,480
sky with stars and it was like a magnet

6
00:00:32,150 --> 00:00:30,960
after i grew up i realized that it's not

7
00:00:35,190 --> 00:00:32,160
as easy

8
00:00:36,950 --> 00:00:35,200
to become a cosmonaut so i picked the

9
00:00:39,190 --> 00:00:36,960
shortest route

10
00:00:39,200 --> 00:00:43,270
entered a military flight school

11
00:00:47,510 --> 00:00:45,350
well i want to ask you

12
00:00:49,670 --> 00:00:47,520
about how you got there but i want to

13
00:00:51,590 --> 00:00:49,680

start at the beginning of the story

14

00:00:54,470 --> 00:00:51,600

tell me about your hometown tell me what

15

00:01:08,550 --> 00:00:54,480

it was like for you growing up in

16

00:01:13,510 --> 00:01:11,190

that's where i started school graduated

17

00:01:15,510 --> 00:01:13,520

from high school

18

00:01:16,950 --> 00:01:15,520

i had a lot of friends growing up a lot

19

00:01:19,350 --> 00:01:16,960

of schoolmates

20

00:01:20,469 --> 00:01:19,360

i was always into sports especially

21

00:01:22,870 --> 00:01:20,479

before

22

00:01:26,070 --> 00:01:22,880

entering the college

23

00:01:27,910 --> 00:01:26,080

training school

24

00:01:29,670 --> 00:01:27,920

there is a river there

25

00:01:31,590 --> 00:01:29,680

good air

26

00:01:33,830 --> 00:01:31,600

for us it was a good time

27

00:01:44,469 --> 00:01:33,840

you're looking forward to seeing it from

28

00:01:48,310 --> 00:01:46,469

the attitude might not allow me to do

29

00:01:50,630 --> 00:01:48,320

this but i'll try

30

00:01:54,069 --> 00:01:50,640

do you have a good sense of how

31

00:01:56,630 --> 00:01:54,079

the people in your hometown and and

32

00:02:06,230 --> 00:01:56,640

growing up there helped to make you the

33

00:02:06,240 --> 00:02:20,390

absolutely

34

00:02:20,400 --> 00:02:24,790

in my life

35

00:02:28,949 --> 00:02:26,869

me becoming the person that i am as an

36

00:02:31,270 --> 00:02:28,959

officer and as a cosmonaut

37

00:02:33,830 --> 00:02:31,280

i would want to ask you now to to help

38

00:02:37,270 --> 00:02:33,840

us better explain that the path that

39

00:02:39,830 --> 00:02:37,280

took you from that hometown to being on

40

00:02:41,910 --> 00:02:39,840

the verge of launching into space

41

00:02:44,229 --> 00:02:41,920

tell me about the

42

00:02:46,390 --> 00:02:44,239

major steps in your education and in

43

00:02:58,070 --> 00:02:46,400

your professional career that have led

44

00:03:02,710 --> 00:03:00,790

seven years later i started school in

45

00:03:05,589 --> 00:03:02,720

the city of germany

46

00:03:07,589 --> 00:03:05,599

in a middle school or in school i spent

47

00:03:09,670 --> 00:03:07,599

10 years graduated

48

00:03:10,550 --> 00:03:09,680

from school

49

00:03:11,589 --> 00:03:10,560

is

50

00:03:16,790 --> 00:03:11,599

in

51

00:03:16,800 --> 00:03:25,910

that

52

00:03:42,869 --> 00:03:28,470

the military reformed at some point so i

53

00:03:42,879 --> 00:03:54,229

which took about one year

54

00:04:11,110 --> 00:03:57,509

where i started working as a

55

00:04:11,120 --> 00:04:27,510

deputy commander

56

00:04:31,590 --> 00:04:29,510

into the cosmonaut core right before i

57

00:04:35,350 --> 00:04:31,600

graduated i was successful i was

58

00:04:54,950 --> 00:04:38,070

some time to make the final decision for

59

00:05:02,230 --> 00:04:58,390

since then in 2010

60

00:05:07,110 --> 00:05:04,310

here where i learned that i was assigned

61

00:05:09,749 --> 00:05:07,120

to a specific crew and starting in 2010

62

00:05:11,830 --> 00:05:09,759

until now i have been training for my

63

00:05:13,110 --> 00:05:11,840

space flight which will take place in

64

00:05:14,870 --> 00:05:13,120

two months

65

00:05:16,870 --> 00:05:14,880

you said earlier that

66

00:05:19,830 --> 00:05:16,880

as a boy you looked up to the sky and

67

00:05:22,629 --> 00:05:19,840

were drawn to the stars as an air force

68

00:05:24,870 --> 00:05:22,639

officer were you

69

00:05:27,029 --> 00:05:24,880

applying to become a cosmonaut or did

70

00:05:34,629 --> 00:05:27,039

someone just come along one day and and

71

00:05:34,639 --> 00:05:46,550

good question

72

00:05:59,590 --> 00:05:49,510

so thinking about space flight was

73

00:06:09,749 --> 00:06:02,309

after i graduated from the military

74

00:06:13,029 --> 00:06:11,590

it took me no time to to make that

75

00:06:15,350 --> 00:06:13,039

decision

76
00:06:18,469 --> 00:06:15,360
to take the job of the cosmonaut and to

77
00:06:20,950 --> 00:06:18,479
fly in space is to take a job that has

78
00:06:22,870 --> 00:06:20,960
risks associated with it that most

79
00:06:25,350 --> 00:06:22,880
people don't ever face

80
00:06:27,670 --> 00:06:25,360
and many people would want to know why

81
00:06:30,790 --> 00:06:27,680
you would choose to do that so

82
00:06:33,189 --> 00:06:30,800
tell me what is it that you believe that

83
00:06:36,070 --> 00:06:33,199
we get or that we learn

84
00:06:51,990 --> 00:06:36,080
as a result of flying people in space

85
00:06:55,510 --> 00:06:53,990
this is something that only a strong

86
00:06:59,189 --> 00:06:55,520
person can do to

87
00:07:00,830 --> 00:06:59,199
achieve higher goals i think right now

88
00:07:04,469 --> 00:07:00,840

we are

89

00:07:06,710 --> 00:07:04,479

smugly at the highest point of

90

00:07:08,950 --> 00:07:06,720

the human developments and we get a

91

00:07:11,430 --> 00:07:08,960

chance to accomplish certain things and

92

00:07:14,550 --> 00:07:11,440

a lot of people rely on us to

93

00:07:16,230 --> 00:07:14,560

perform their experiments and we in no

94

00:07:19,510 --> 00:07:16,240

way can let them down so the question

95

00:07:21,430 --> 00:07:19,520

now is that it's good to take a certain

96

00:07:23,909 --> 00:07:21,440

risk but the main objective is to

97

00:07:26,230 --> 00:07:23,919

accomplish your goals and this is

98

00:07:31,350 --> 00:07:26,240

interesting work and they work for very

99

00:07:34,309 --> 00:07:32,870

you're getting ready to launch to the

100

00:07:37,909 --> 00:07:34,319

international space station for

101
00:07:40,710 --> 00:07:37,919
expeditions 33 and 34. ali what are the

102
00:07:42,710 --> 00:07:40,720
goals of your flight and what sorts of

103
00:07:49,189 --> 00:07:42,720
jobs will you be doing during your time

104
00:07:54,309 --> 00:07:51,990
we have a lot of work ahead of us

105
00:07:56,309 --> 00:07:54,319
for our flight we will perform a lot of

106
00:08:01,749 --> 00:07:56,319
science experiments

107
00:08:06,230 --> 00:08:03,270
also

108
00:08:07,430 --> 00:08:06,240
for various industries and we will

109
00:08:09,110 --> 00:08:07,440
support

110
00:08:10,869 --> 00:08:09,120
the station in terms of maintenance

111
00:08:13,029 --> 00:08:10,879
throughout our flight

112
00:08:14,629 --> 00:08:13,039
this is going to be your first trip to

113
00:08:17,189 --> 00:08:14,639

the space station it's your first space

114

00:08:26,150 --> 00:08:17,199

flight uh all together what are you most

115

00:08:30,629 --> 00:08:28,230

am looking forward to my first

116

00:08:31,749 --> 00:08:30,639

impressions that i will get right after

117

00:08:33,589 --> 00:08:31,759

the launch

118

00:08:36,070 --> 00:08:33,599

and then throughout the flight i will be

119

00:08:38,550 --> 00:08:36,080

very interested in working with our

120

00:08:40,709 --> 00:08:38,560

entire team together or separately

121

00:08:43,269 --> 00:08:40,719

perform various tasks

122

00:08:46,550 --> 00:08:43,279

be successful in accomplishing my tasks

123

00:08:49,110 --> 00:08:46,560

and in a timely manner

124

00:08:51,110 --> 00:08:49,120

and to return back to earth without any

125

00:08:52,550 --> 00:08:51,120

abnormal situations

126
00:08:54,230 --> 00:08:52,560
you are also going to be commanding the

127
00:08:56,550 --> 00:08:54,240
soyuz vehicle to bring you and your

128
00:08:58,630 --> 00:08:56,560
crewmates to the station

129
00:09:00,550 --> 00:08:58,640
for an air force pilot i imagine that

130
00:09:08,150 --> 00:09:00,560
that is something that that you're very

131
00:09:13,670 --> 00:09:10,870
it is a very interesting point for me

132
00:09:15,829 --> 00:09:13,680
because uh for a long time i was in the

133
00:09:21,590 --> 00:09:15,839
air force and uh

134
00:09:25,590 --> 00:09:23,430
and so to become a commander of the

135
00:09:27,190 --> 00:09:25,600
spacecraft will be very interesting and

136
00:09:29,829 --> 00:09:27,200
important for me

137
00:09:31,990 --> 00:09:29,839
i i is it also pretty exciting to be

138
00:09:34,790 --> 00:09:32,000

part of a project that is bringing

139

00:09:44,070 --> 00:09:34,800

together expertise and assets from

140

00:09:50,790 --> 00:09:46,470

to be honest with you i'm very proud

141

00:09:52,710 --> 00:09:50,800

to be a part of such a interesting and

142

00:09:55,509 --> 00:09:52,720

interesting team

143

00:09:57,990 --> 00:09:55,519

which includes the best specialists from

144

00:09:59,750 --> 00:09:58,000

the entire planet from all continents

145

00:10:01,990 --> 00:09:59,760

it's very important

146

00:10:05,030 --> 00:10:02,000

let's set the stage for this flight i

147

00:10:07,110 --> 00:10:05,040

need to ask you to give me a verbal tour

148

00:10:09,509 --> 00:10:07,120

of the international space station and

149

00:10:12,069 --> 00:10:09,519

tell me about the modules and the other

150

00:10:14,389 --> 00:10:12,079

facilities that are on orbit right now

151
00:10:16,230 --> 00:10:14,399
that are there to support the lives of

152
00:10:26,069 --> 00:10:16,240
the crew and and the work that you all

153
00:10:37,190 --> 00:10:27,990
currently the station

154
00:10:42,150 --> 00:10:39,590
and moving from the russian segment

155
00:10:45,990 --> 00:10:42,160
towards the u.s segment then i can

156
00:10:49,910 --> 00:10:47,990
without getting into too much detail

157
00:10:52,069 --> 00:10:49,920
first we have the service module of the

158
00:10:54,790 --> 00:10:52,079
russian segment

159
00:10:56,310 --> 00:10:54,800
followed by the fgb module

160
00:10:58,069 --> 00:10:56,320
between them

161
00:11:20,550 --> 00:10:58,079
there is

162
00:11:25,110 --> 00:11:22,949
right after the fgb we have the us

163
00:11:26,790 --> 00:11:25,120

segment which consists of

164

00:11:27,829 --> 00:11:26,800

many modules as well

165

00:11:30,230 --> 00:11:27,839

and

166

00:11:34,069 --> 00:11:30,240

if we go in order that we'll have node 1

167

00:11:37,910 --> 00:11:36,790

to the left

168

00:11:42,630 --> 00:11:37,920

we have

169

00:11:45,430 --> 00:11:42,640

the european module

170

00:11:47,190 --> 00:11:45,440

and also on the u.s segment we have

171

00:11:48,949 --> 00:11:47,200

three airlines

172

00:11:51,110 --> 00:11:48,959

and that's a it's a large segment to the

173

00:11:53,829 --> 00:11:51,120

us segment

174

00:11:56,150 --> 00:11:53,839

the assembly of the station is all but

175

00:11:57,829 --> 00:11:56,160

complete these days and so the emphasis

176

00:12:00,470 --> 00:11:57,839

for the station crew members who are

177

00:12:02,389 --> 00:12:00,480

working on board has now turned to doing

178

00:12:04,550 --> 00:12:02,399

science research

179

00:12:05,430 --> 00:12:04,560

can you expl how do you explain to

180

00:12:08,150 --> 00:12:05,440

people

181

00:12:10,629 --> 00:12:08,160

the potential for scientific knowledge

182

00:12:13,829 --> 00:12:10,639

and new learning that

183

00:12:20,470 --> 00:12:13,839

the space station provides and the value

184

00:12:37,110 --> 00:12:22,790

of course the potential

185

00:12:43,110 --> 00:12:41,269

and as well as the events in space

186

00:12:44,949 --> 00:12:43,120

i think that the

187

00:12:47,990 --> 00:12:44,959

international space station crew and the

188

00:12:49,190 --> 00:12:48,000

hardware on board the station allows

189

00:13:05,430 --> 00:12:49,200

us to

190

00:13:08,470 --> 00:13:06,949

as one available the crew members you'll

191

00:13:10,870 --> 00:13:08,480

be the subject for some of the

192

00:13:13,110 --> 00:13:10,880

experiments in finding out how people

193

00:13:15,190 --> 00:13:13,120

can live and work in that environment

194

00:13:18,629 --> 00:13:15,200

for a long period of time

195

00:13:21,030 --> 00:13:18,639

can you give me two or three examples of

196

00:13:22,629 --> 00:13:21,040

human life sciences research that you're

197

00:13:31,430 --> 00:13:22,639

going to be involved with during this

198

00:13:31,440 --> 00:13:47,030

several directions

199

00:13:50,870 --> 00:13:49,670

pre-flight and post-flight will perform

200

00:13:51,990 --> 00:13:50,880

blood tests

201
00:13:54,310 --> 00:13:52,000
it's a

202
00:13:56,710 --> 00:13:54,320
large area for research

203
00:14:00,629 --> 00:13:56,720
certain things have been done

204
00:14:03,670 --> 00:14:00,639
already during initial flights in space

205
00:14:08,949 --> 00:14:03,680
so your experiments are building on the

206
00:14:14,069 --> 00:14:12,629
absolutely i think it's normal

207
00:14:16,310 --> 00:14:14,079
there are

208
00:14:18,949 --> 00:14:16,320
modules throughout the space station as

209
00:14:22,150 --> 00:14:18,959
you described them a moment ago that are

210
00:14:24,949 --> 00:14:22,160
also filled with specialized scientific

211
00:14:27,590 --> 00:14:24,959
gear that supports research in other

212
00:14:29,189 --> 00:14:27,600
scientific disciplines beyond human life

213
00:14:31,509 --> 00:14:29,199

sciences

214

00:14:33,430 --> 00:14:31,519

tell me about some of the other kinds of

215

00:14:35,189 --> 00:14:33,440

science research that you and your

216

00:14:42,310 --> 00:14:35,199

crewmates are going to be working with

217

00:14:42,320 --> 00:14:49,189

that's a good question

218

00:14:54,470 --> 00:14:52,150

by doing research we provide the data to

219

00:14:56,069 --> 00:14:54,480

the scientists not of just one

220

00:14:56,870 --> 00:14:56,079

single discipline

221

00:14:58,790 --> 00:14:56,880

but

222

00:15:00,389 --> 00:14:58,800

this data will be used by specialists

223

00:15:02,230 --> 00:15:00,399

from various

224

00:15:04,069 --> 00:15:02,240

disciplines and it's difficult for me to

225

00:15:07,030 --> 00:15:04,079

predict how this information will be

226
00:15:08,310 --> 00:15:07,040
used because overall we do a general

227
00:15:10,069 --> 00:15:08,320
experiment

228
00:15:12,470 --> 00:15:10,079
but the data that is obtained through

229
00:15:14,550 --> 00:15:12,480
this experiment will be used by many

230
00:15:16,790 --> 00:15:14,560
specialists

231
00:15:18,870 --> 00:15:16,800
the scientists who have developed the

232
00:15:20,550 --> 00:15:18,880
the dozens of experiments that you and

233
00:15:22,069 --> 00:15:20,560
your crewmates are going to be working

234
00:15:23,990 --> 00:15:22,079
on are

235
00:15:26,870 --> 00:15:24,000
people who are coming from all around

236
00:15:29,910 --> 00:15:26,880
the world to this project what's it like

237
00:15:47,110 --> 00:15:29,920
for you as you get to work with them on

238
00:15:50,790 --> 00:15:49,430

because it is difficult to predict your

239

00:15:53,910 --> 00:15:50,800

own actions

240

00:15:55,350 --> 00:15:53,920

much less the progress of science it is

241

00:15:57,829 --> 00:15:55,360

always possible

242

00:16:01,269 --> 00:15:57,839

that there will be a certain link that

243

00:16:03,350 --> 00:16:01,279

ties various experiments together

244

00:16:04,470 --> 00:16:03,360

now station crew members when they're

245

00:16:06,710 --> 00:16:04,480

not doing

246

00:16:08,790 --> 00:16:06,720

science work are responsible for keeping

247

00:16:11,110 --> 00:16:08,800

the space station functioning keeping it

248

00:16:13,350 --> 00:16:11,120

flying in good shape

249

00:16:15,430 --> 00:16:13,360

outside of that science work what other

250

00:16:17,749 --> 00:16:15,440

kinds of work do

251
00:16:26,389 --> 00:16:17,759
do station crew members do during a

252
00:16:31,189 --> 00:16:29,269
to perform maintenance on the station uh

253
00:16:33,269 --> 00:16:31,199
maintaining the functionality of various

254
00:16:35,590 --> 00:16:33,279
systems

255
00:16:37,990 --> 00:16:35,600
housekeeping disinfecting the surfaces

256
00:16:39,749 --> 00:16:38,000
that's very important both for the

257
00:16:41,350 --> 00:16:39,759
health of the crew and the safety of the

258
00:16:42,790 --> 00:16:41,360
equipment

259
00:16:45,749 --> 00:16:42,800
and to ensure

260
00:16:47,189 --> 00:16:45,759
lengthy uh functionality of the systems

261
00:16:52,389 --> 00:16:47,199
do you enjoy do

262
00:16:58,230 --> 00:16:55,110
that's my job i have to do it

263
00:17:02,150 --> 00:16:58,240

in almost the exact middle of your

264

00:17:04,470 --> 00:17:02,160

planned 155 days in space will come the

265

00:17:06,789 --> 00:17:04,480

christmas and new year's holidays

266

00:17:16,470 --> 00:17:06,799

what are your thoughts about spending

267

00:17:22,630 --> 00:17:19,510

i think it will be very unusual and very

268

00:17:25,510 --> 00:17:22,640

interesting because not everybody gets a

269

00:17:28,150 --> 00:17:25,520

chance to celebrate holidays in space

270

00:17:31,190 --> 00:17:28,160

and i will be able to talk to

271

00:17:35,190 --> 00:17:33,270

across the world and celebrate both new

272

00:17:38,070 --> 00:17:35,200

year's and christmas

273

00:17:39,909 --> 00:17:38,080

now any plan for a mission on the

274

00:17:42,230 --> 00:17:39,919

international space station

275

00:17:45,029 --> 00:17:42,240

always maintains some flexibility in

276

00:17:46,870 --> 00:17:45,039

order to accommodate change in events

277

00:17:48,630 --> 00:17:46,880

changing circumstances

278

00:17:51,990 --> 00:17:48,640

and that includes the possibility that

279

00:17:54,470 --> 00:17:52,000

crew members may need to go work outside

280

00:18:11,750 --> 00:17:54,480

at this point what is the plan for any

281

00:18:14,950 --> 00:18:12,830

to the

282

00:18:17,430 --> 00:18:14,960

next expedition and unfortunately we

283

00:18:19,430 --> 00:18:17,440

won't be able to perform it

284

00:18:21,270 --> 00:18:19,440

so but you you have trained for the

285

00:18:26,070 --> 00:18:21,280

space walk and would be ready to make

286

00:18:30,870 --> 00:18:29,029

absolutely we are fully prepared for the

287

00:18:33,350 --> 00:18:30,880

space walk

288

00:18:35,669 --> 00:18:33,360

the space station these days receives

289

00:18:38,950 --> 00:18:35,679

supplies from earth that are brought by

290

00:18:41,029 --> 00:18:38,960

a small fleet of unmanned cargo ships

291

00:18:43,830 --> 00:18:41,039

and in fact there are almost a half a

292

00:18:45,669 --> 00:18:43,840

dozen of those ships that should be

293

00:18:47,110 --> 00:18:45,679

coming and going during the time that

294

00:18:49,270 --> 00:18:47,120

you're on board

295

00:18:51,430 --> 00:18:49,280

tell me about the different ships that

296

00:18:54,070 --> 00:18:51,440

are supplied by the station's different

297

00:18:56,950 --> 00:18:54,080

partners and about the the commercial

298

00:19:04,230 --> 00:18:56,960

vehicles that are now beginning to fly

299

00:19:11,270 --> 00:19:07,430

from the russian side we will see three

300

00:19:13,750 --> 00:19:11,280

progress vehicles arriving

301
00:19:15,510 --> 00:19:13,760
throughout our expedition and if nothing

302
00:19:17,270 --> 00:19:15,520
changes we will be lucky to see

303
00:19:19,590 --> 00:19:17,280
commercials

304
00:19:21,990 --> 00:19:19,600
spacecraft docking as well

305
00:19:23,590 --> 00:19:22,000
launched by your side it will be very

306
00:19:25,190 --> 00:19:23,600
interesting for me to see it it will be

307
00:19:27,190 --> 00:19:25,200
interesting to see what the difference

308
00:19:28,549 --> 00:19:27,200
is how they dock because these systems

309
00:19:29,990 --> 00:19:28,559
are different

310
00:19:32,150 --> 00:19:30,000
we will be looking forward to seeing

311
00:19:34,789 --> 00:19:32,160
them on board and we'll be happy to see

312
00:19:36,230 --> 00:19:34,799
them on board if everything works out

313
00:19:38,789 --> 00:19:36,240

now the

314

00:19:41,350 --> 00:19:38,799

the landscape if you will of space

315

00:19:44,150 --> 00:19:41,360

flight is changing in the in the last

316

00:19:46,150 --> 00:19:44,160

few years particularly with as you say

317

00:19:48,710 --> 00:19:46,160

private companies are now flying

318

00:19:50,789 --> 00:19:48,720

spaceships and and sovereign nations are

319

00:19:53,270 --> 00:19:50,799

working together in space instead of

320

00:19:56,870 --> 00:19:53,280

competing against one another

321

00:19:58,390 --> 00:19:56,880

do you see that this way of exploring

322

00:20:04,390 --> 00:19:58,400

space is something that is going to

323

00:20:07,510 --> 00:20:05,430

i think so

324

00:20:09,669 --> 00:20:07,520

international cooperation will continue

325

00:20:12,470 --> 00:20:09,679

it has to continue because the project

326

00:20:15,590 --> 00:20:12,480

itself is by definition an international

327

00:20:17,430 --> 00:20:15,600

one and it requires a lot of investment

328

00:20:20,070 --> 00:20:17,440

for one single country it will be very

329

00:20:21,029 --> 00:20:20,080

difficult to support this financially

330

00:20:22,870 --> 00:20:21,039

so

331

00:20:25,190 --> 00:20:22,880

it requires us to pull our forces

332

00:20:27,750 --> 00:20:25,200

together and that means success

333

00:20:30,149 --> 00:20:27,760

as you imagine your space flight you

334

00:20:32,230 --> 00:20:30,159

look ahead to the future what do you

335

00:20:35,510 --> 00:20:32,240

think is going to be the highlight or

336

00:20:45,510 --> 00:20:35,520

the most interesting aspect of your time

337

00:20:45,520 --> 00:20:50,470

the best part will be

338

00:20:56,149 --> 00:20:53,590

and i think for me and my colleague will

339

00:20:57,029 --> 00:20:56,159

be their first it will be the first time

340

00:20:59,510 --> 00:20:57,039

for

341

00:21:00,549 --> 00:20:59,520

given board it will be

342

00:21:02,310 --> 00:21:00,559

the second

343

00:21:04,070 --> 00:21:02,320

not the first flight so maybe it will be

344

00:21:05,830 --> 00:21:04,080

something else for him but for us

345

00:21:07,590 --> 00:21:05,840

everything that's happened that happens

346

00:21:09,990 --> 00:21:07,600

the first time

347

00:21:12,390 --> 00:21:10,000

what is it that we are learning from

348

00:21:14,470 --> 00:21:12,400

sending crews on these missions to the

349

00:21:17,830 --> 00:21:14,480

international space station that is

350

00:21:26,390 --> 00:21:17,840

going to help humankind prepare for

351

00:21:31,430 --> 00:21:28,870

i think throughout our entire flight we

352

00:21:32,549 --> 00:21:31,440

accumulate experience and knowledge just

353

00:21:36,549 --> 00:21:32,559

like uh

354

00:21:39,750 --> 00:21:36,559

athletes who train to

355

00:21:43,190 --> 00:21:39,760

break a record so we are preparing

356

00:21:45,510 --> 00:21:43,200

and uh i hope that uh in the uh future