



Павел ВИНОГРАДОВ
Pavel VINOGRADOV

1
00:00:00,160 --> 00:00:25,349

okay

2
00:00:34,470 --> 00:00:29,750

super the flight program to the iss

3
00:00:41,670 --> 00:00:37,430

we have the primary backup cruise here

4
00:00:46,229 --> 00:00:44,389

the backup crew is here and the primary

5
00:00:48,150 --> 00:00:46,239

crew is here the primer crew is made up

6
00:00:50,389 --> 00:00:48,160

of oleg novitskiy who is commander of

7
00:00:52,790 --> 00:00:50,399

the source vehicle and who is going to

8
00:00:54,549 --> 00:00:52,800

be flight engineer of the iss with

9
00:00:56,229 --> 00:00:54,559

kennedy relicon host flight engineer of

10
00:00:59,670 --> 00:00:56,239

the source vehicle flight engineer of

11
00:01:02,150 --> 00:00:59,680

the space station

12
00:01:03,910 --> 00:01:02,160

and kevin ford who is flight engineer

13
00:01:06,310 --> 00:01:03,920

too of the search vehicle

14

00:01:09,109 --> 00:01:06,320
first flight engineer of isis 33 and

15

00:01:10,550 --> 00:01:09,119
commander of iss 34 and who is a nasa

16

00:01:13,830 --> 00:01:10,560
astronaut

17

00:01:15,830 --> 00:01:13,840
and here are the backup crew members

18

00:01:17,990 --> 00:01:15,840
fabulino groudov who is the commander of

19

00:01:19,910 --> 00:01:18,000
the service vehicle who is going to be

20

00:01:22,469 --> 00:01:19,920
flight engineer of the iss

21

00:01:23,670 --> 00:01:22,479
alexander misurkin who is a flight

22

00:01:26,550 --> 00:01:23,680
engineer

23

00:01:28,630 --> 00:01:26,560
of the search vehicle and flight

24

00:01:30,789 --> 00:01:28,640
engineer of the iss

25

00:01:32,870 --> 00:01:30,799
and chris cassidy

26

00:01:35,030 --> 00:01:32,880

who is a flight engineer too of the

27

00:01:36,950 --> 00:01:35,040

search vehicle and flight engineer of

28

00:01:38,390 --> 00:01:36,960

the iss

29

00:01:40,789 --> 00:01:38,400

and

30

00:01:45,350 --> 00:01:40,799

sergey krikalov is the

31

00:01:52,469 --> 00:01:48,469

as you probably know the commission has

32

00:01:56,389 --> 00:01:52,479

made its final conclusion his decision

33

00:02:01,990 --> 00:01:58,230

the preparation of the primer and the

34

00:02:06,950 --> 00:02:03,670

and

35

00:02:14,710 --> 00:02:09,589

were recommended for launch

36

00:02:17,990 --> 00:02:16,070

they're going to continue their

37

00:02:19,190 --> 00:02:18,000

preparation at their back under cosmic

38

00:02:22,550 --> 00:02:19,200

room

39

00:02:24,150 --> 00:02:22,560

and become finally ready for launch

40

00:02:25,430 --> 00:02:24,160

maybe have any questions i'm ready to

41

00:02:27,190 --> 00:02:25,440

take them

42

00:02:29,030 --> 00:02:27,200

the most one thing is that everything is

43

00:02:31,990 --> 00:02:29,040

going normally

44

00:02:35,589 --> 00:02:32,000

the launch is now set

45

00:02:38,229 --> 00:02:35,599

to occur on october 23rd

46

00:02:39,270 --> 00:02:38,239

and the crews have now got a small

47

00:02:41,670 --> 00:02:39,280

window

48

00:02:43,830 --> 00:02:41,680

if you remember the previous screws

49

00:02:45,750 --> 00:02:43,840

the month the last month of the last

50

00:02:48,309 --> 00:02:45,760

several weeks prior to launch were very

51

00:02:49,030 --> 00:02:48,319

intensive we were very packed

52

00:02:52,150 --> 00:02:49,040

but

53

00:02:54,710 --> 00:02:52,160

right now we have a small window so

54

00:02:56,949 --> 00:02:54,720

the crews will have an opportunity to

55

00:02:57,910 --> 00:02:56,959

relax a bit probably to refresh the

56

00:02:59,670 --> 00:02:57,920

knowledge

57

00:03:01,350 --> 00:02:59,680

the data

58

00:03:03,350 --> 00:03:01,360

and be fully ready

59

00:03:07,750 --> 00:03:03,360

for launch because normally always lack

60

00:03:12,070 --> 00:03:09,830

agency first of all congratulations to

61

00:03:13,110 --> 00:03:12,080

the primary backup crews with the

62

00:03:15,350 --> 00:03:13,120

excellent

63

00:03:17,670 --> 00:03:15,360

results of the exams and

64

00:03:18,470 --> 00:03:17,680

the traditional question to the primary

65

00:03:21,350 --> 00:03:18,480

crew

66

00:03:23,589 --> 00:03:21,360

what's your talisman what's your mascot

67

00:03:25,990 --> 00:03:23,599

and what are going to take with you to

68

00:03:29,030 --> 00:03:26,000

the station

69

00:03:36,070 --> 00:03:29,040

maybe some personal items some souvenirs

70

00:03:36,080 --> 00:03:39,750

okay let's start with the mascot

71

00:03:47,910 --> 00:03:41,990

our weightlessness indicator will be a

72

00:03:53,910 --> 00:03:50,470

probably because that's how our kids

73

00:03:58,830 --> 00:03:56,869

if probably all watched

74

00:04:02,550 --> 00:03:58,840

a movie called

75

00:04:06,550 --> 00:04:02,560

offices and the protagonist's grandkid

76

00:04:14,390 --> 00:04:06,560

had a hobby he liked to go to the zoo

77

00:04:21,110 --> 00:04:18,469

so this dream is coming true

78

00:04:23,909 --> 00:04:21,120

so now we'll be watching the hippo for

79

00:04:25,830 --> 00:04:23,919

two days one in the service vehicle

80

00:04:28,550 --> 00:04:25,840

but if i'm serious

81

00:04:38,790 --> 00:04:28,560

let's probably again how our kids view

82

00:04:46,310 --> 00:04:43,350

as regards our call sign it's casback

83

00:04:47,909 --> 00:04:46,320

we chose it because

84

00:04:50,070 --> 00:04:47,919

this is

85

00:04:51,430 --> 00:04:50,080

one of the

86

00:04:55,430 --> 00:04:51,440

major

87

00:04:57,270 --> 00:04:55,440

mountains that is over 5000 meters high

88

00:04:59,830 --> 00:04:57,280

i also probably goes to the number of

89

00:05:00,990 --> 00:04:59,840

expeditions 33 and the height of this

90

00:05:03,670 --> 00:05:01,000

mountain is

91

00:05:05,590 --> 00:05:03,680

5033 meters so it's kind of symbolic

92

00:05:07,670 --> 00:05:05,600

three and three

93

00:05:09,670 --> 00:05:07,680

and what was the other question what are

94

00:05:13,670 --> 00:05:09,680

going to take with you all of your any

95

00:05:18,870 --> 00:05:15,670

i don't think anything is special

96

00:05:20,070 --> 00:05:18,880

whichever is allowed to be taken

97

00:05:22,469 --> 00:05:20,080

souvenirs

98

00:05:24,710 --> 00:05:22,479

maybe certain uh kids items whatever

99

00:05:26,950 --> 00:05:24,720

family and friends asked us to take

100

00:05:28,390 --> 00:05:26,960

that's probably it

101
00:05:30,950 --> 00:05:28,400
let the other crew members answer these

102
00:05:32,790 --> 00:05:30,960
questions too

103
00:05:34,150 --> 00:05:32,800
well personal items are called personal

104
00:05:35,909 --> 00:05:34,160
items

105
00:05:38,150 --> 00:05:35,919
because their personality is something

106
00:05:41,189 --> 00:05:38,160
very important to us that we care about

107
00:05:49,110 --> 00:05:45,909
photos of our family and friends

108
00:05:52,550 --> 00:05:51,590
something that will remind

109
00:05:54,629 --> 00:05:52,560
us

110
00:05:58,150 --> 00:05:54,639
about the deer the things that we hold

111
00:06:02,629 --> 00:06:00,710
and the rest of the masks

112
00:06:04,710 --> 00:06:02,639
is the same and

113
00:06:06,629 --> 00:06:04,720

for for me personally i'll also take

114

00:06:09,350 --> 00:06:06,639

just a few things to remind me of my my

115

00:06:10,950 --> 00:06:09,360

home state and my home schools

116

00:06:12,550 --> 00:06:10,960

and

117

00:06:15,670 --> 00:06:12,560

one of the things from my home state is

118

00:06:17,350 --> 00:06:15,680

a small race car that represents

119

00:06:19,510 --> 00:06:17,360

the

120

00:06:38,550 --> 00:06:19,520

indianapolis 500 which is very near

121

00:06:43,270 --> 00:06:41,029

and of course just a few photographs and

122

00:07:05,029 --> 00:06:43,280

some personal things for a few friends

123

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

it's been a good tradition for some time

124

00:07:11,589 --> 00:07:09,360

now to

125

00:07:15,589 --> 00:07:11,599

have a blog in space

126
00:07:18,230 --> 00:07:15,599
this helps people on earth to understand

127
00:07:19,830 --> 00:07:18,240
why space activities are needed lots of

128
00:07:22,629 --> 00:07:19,840
cosmos have been doing this very

129
00:07:24,950 --> 00:07:22,639
successfully you have any plans to have

130
00:07:30,790 --> 00:07:24,960
a blog in orbit

131
00:07:35,670 --> 00:07:33,270
yes we have such intentions we do

132
00:07:37,510 --> 00:07:35,680
believe it's very necessary to

133
00:07:39,189 --> 00:07:37,520
have a blog

134
00:07:43,830 --> 00:07:39,199
and to show

135
00:07:46,550 --> 00:07:43,840
people on the ground what tasks i said

136
00:07:47,430 --> 00:07:46,560
for cosmonauts what they're doing up in

137
00:07:50,150 --> 00:07:47,440
space

138
00:07:54,629 --> 00:07:50,160

so we'll try to do whatever we can to

139

00:08:00,390 --> 00:07:56,230

this is what the commander said for

140

00:08:05,270 --> 00:08:02,550

yes sure well but uh

141

00:08:06,309 --> 00:08:05,280

we first need to do our most important

142

00:08:08,629 --> 00:08:06,319

work

143

00:08:10,390 --> 00:08:08,639

our tasks and then if we have time yes

144

00:08:13,270 --> 00:08:10,400

of course so

145

00:08:15,990 --> 00:08:13,280

well we'll see we have this wish to

146

00:08:18,390 --> 00:08:16,000

conduct a blog

147

00:08:20,550 --> 00:08:18,400

i think it's very important to

148

00:08:23,350 --> 00:08:20,560

uh popularize

149

00:08:26,070 --> 00:08:23,360

space and space facts days were very

150

00:08:28,629 --> 00:08:26,080

busy and things changed really rapidly

151

00:08:30,550 --> 00:08:28,639

and it's easy if you have a spacewalk

152

00:08:32,149 --> 00:08:30,560

this week to forget about say a very

153

00:08:34,389 --> 00:08:32,159

important robotic operation from the

154

00:08:56,550 --> 00:08:34,399

previous week so writing things down of

155

00:09:00,870 --> 00:08:59,030

so my hope is to make uh some personal

156

00:09:03,829 --> 00:09:00,880

notes every single night of the

157

00:09:05,910 --> 00:09:03,839

expedition to myself for record keeping

158

00:09:08,070 --> 00:09:05,920

and it'll be used for technical debriefs

159

00:09:09,430 --> 00:09:08,080

too so that we can share with the grand

160

00:09:31,110 --> 00:09:09,440

cruz what we've learned a little bit and

161

00:09:35,030 --> 00:09:33,190

and then if opportunity presents there's

162

00:09:37,030 --> 00:09:35,040

free time on weekends

163

00:09:38,470 --> 00:09:37,040

i will send send down

164

00:09:40,550 --> 00:09:38,480

something for the general public a nice

165

00:09:43,030 --> 00:09:40,560

vlog about what we've done share some of

166

00:09:58,949 --> 00:09:43,040

my favorite pictures and say some

167

00:09:58,959 --> 00:10:07,269

foreign

168

00:10:10,710 --> 00:10:08,949

you represent uh

169

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

probably not the young but

170

00:10:14,710 --> 00:10:12,480

a newer generation of cosmonauts who

171

00:10:17,030 --> 00:10:14,720

decide to switch your

172

00:10:21,430 --> 00:10:17,040

main job and to

173

00:10:24,550 --> 00:10:22,710

and also wondering whether the

174

00:10:27,190 --> 00:10:24,560

preparation that you had that justice

175

00:10:29,190 --> 00:10:27,200

helped you on this way

176

00:10:30,550 --> 00:10:29,200

let's start with our

177

00:10:33,190 --> 00:10:30,560

childhood

178

00:10:35,910 --> 00:10:33,200

as a kid i didn't really wish or dream

179

00:10:37,509 --> 00:10:35,920

of becoming a cosmonaut wanted to go

180

00:10:40,389 --> 00:10:37,519

into the military

181

00:10:43,269 --> 00:10:41,190

but

182

00:10:44,150 --> 00:10:43,279

it turned out that my school had the

183

00:10:44,949 --> 00:10:44,160

name

184

00:10:47,590 --> 00:10:44,959

of

185

00:10:51,030 --> 00:10:47,600

gagarin and then my military school was

186

00:10:52,710 --> 00:10:51,040

uh also named after gagarin so probably

187

00:10:54,389 --> 00:10:52,720

fate was uh

188

00:10:55,590 --> 00:10:54,399

directing me onto the path of becoming a

189

00:10:58,310 --> 00:10:55,600

cosmonaut

190

00:11:00,630 --> 00:10:58,320

and then later on as i became

191

00:11:03,269 --> 00:11:00,640

an instructor edges to see also i was

192

00:11:05,590 --> 00:11:03,279

dealing with cosmonauts all the time

193

00:11:08,310 --> 00:11:05,600

and i thought that yes i'll probably be

194

00:11:11,910 --> 00:11:08,320

of more use if i became a cosmetic

195

00:11:17,350 --> 00:11:15,350

so i wrote a paper and

196

00:11:23,670 --> 00:11:17,360

became part of the cosmos call that's

197

00:11:28,550 --> 00:11:25,750

well i wouldn't really agree with the

198

00:11:33,350 --> 00:11:28,560

statement that we switched jobs it's

199

00:11:38,389 --> 00:11:36,069

we can only reach a good point

200

00:11:40,710 --> 00:11:38,399

a good level

201
00:11:42,230 --> 00:11:40,720
only when you've had enough experience

202
00:11:43,509 --> 00:11:42,240
so i think it's only a natural

203
00:11:46,150 --> 00:11:43,519
transition

204
00:11:48,389 --> 00:11:46,160
from being a pilot to becoming a

205
00:11:51,430 --> 00:11:48,399
cosmonaut

206
00:11:54,389 --> 00:11:51,440
it's more like a new quality

207
00:11:54,399 --> 00:12:01,590
so how did you become an astronaut

208
00:12:05,829 --> 00:12:04,790
i tried to that was my wish

209
00:12:07,670 --> 00:12:05,839
starship

210
00:12:09,829 --> 00:12:07,680
but uh i'm not of the same generation

211
00:12:11,910 --> 00:12:09,839
i'm 10 years older than these guys maybe

212
00:12:14,470 --> 00:12:11,920
in english

213
00:12:16,949 --> 00:12:14,480

i i just always yes

214

00:12:28,710 --> 00:12:16,959

i wanted to study uh airplanes and

215

00:12:31,350 --> 00:12:29,430

and

216

00:12:33,430 --> 00:12:31,360

i took my first ride in an airplane when

217

00:12:34,949 --> 00:12:33,440

i was about 13 or 14 years old and

218

00:12:38,470 --> 00:12:34,959

that's just what i decided i wanted to

219

00:12:41,110 --> 00:12:38,480

make my career to be an aviator and uh

220

00:12:45,350 --> 00:12:41,120

then you know bit by bit i went from

221

00:12:46,230 --> 00:12:45,360

being a a pilot in the vape as uh on to

222

00:12:48,870 --> 00:12:46,240

being

223

00:13:14,870 --> 00:12:48,880

a test pilot and then the next next step

224

00:13:18,470 --> 00:13:17,030

so and just that you know as a small boy

225

00:13:20,790 --> 00:13:18,480

i didn't really dream

226

00:13:23,030 --> 00:13:20,800

that it was possible to be an astronaut

227

00:13:24,790 --> 00:13:23,040

or cosmetic but uh i just was able to

228

00:13:53,910 --> 00:13:24,800

get here through my aviation career

229

00:13:57,189 --> 00:13:55,750

next question please

230

00:13:58,629 --> 00:13:57,199

what are you expecting from your first

231

00:13:59,990 --> 00:13:58,639

flight this is a question to allah

232

00:14:08,870 --> 00:14:00,000

gandhi evgeny

233

00:14:13,030 --> 00:14:10,949

probably the main thing is

234

00:14:15,829 --> 00:14:13,040

the excitement

235

00:14:17,829 --> 00:14:15,839

the new feelings and the ability to

236

00:14:20,389 --> 00:14:17,839

perform all those maneuvers

237

00:14:21,430 --> 00:14:20,399

and to be able to take a look

238

00:14:22,870 --> 00:14:21,440

of

239

00:14:26,069 --> 00:14:22,880

earth

240

00:14:28,069 --> 00:14:26,079

from the space vehicle

241

00:14:30,310 --> 00:14:28,079

that's probably the most exciting the

242

00:14:31,590 --> 00:14:30,320

most uh

243

00:14:34,629 --> 00:14:31,600

the thing i'm looking really looking

244

00:14:39,750 --> 00:14:37,030

i think kyle's second oleg and what he

245

00:14:44,150 --> 00:14:42,470

right now what i'm expecting

246

00:14:47,670 --> 00:14:44,160

is i'm looking forward to meeting the

247

00:14:51,350 --> 00:14:49,590

i'm looking forward to performing all

248

00:14:54,069 --> 00:14:51,360

the duties all the tasks because that's

249

00:14:56,150 --> 00:14:54,079

something we're prepared for

250

00:14:58,150 --> 00:14:56,160

that we've been taught to do

251
00:15:00,069 --> 00:14:58,160
and we're fully confident we'll be able

252
00:15:02,710 --> 00:15:00,079
to do everything

253
00:15:07,030 --> 00:15:02,720
but it's a hard job because being a

254
00:15:09,750 --> 00:15:08,949
what experiments are we looking forward

255
00:15:16,230 --> 00:15:09,760
to

256
00:15:19,350 --> 00:15:17,910
well i don't think i can say what

257
00:15:22,230 --> 00:15:19,360
experiment is

258
00:15:24,069 --> 00:15:22,240
of most interest to me

259
00:15:30,150 --> 00:15:24,079
i think all of them are interesting

260
00:15:34,230 --> 00:15:32,069
at least from the point of view that

261
00:15:36,389 --> 00:15:34,240
what we are doing today

262
00:15:39,670 --> 00:15:36,399
is that it will help our children and

263
00:15:43,829 --> 00:15:41,350

i personally just divide all the

264

00:15:46,069 --> 00:15:43,839

experiments into several groups like

265

00:15:47,829 --> 00:15:46,079

scientific experiments

266

00:15:50,870 --> 00:15:47,839

medical experiments

267

00:15:56,069 --> 00:15:50,880

experiments related to children

268

00:15:59,269 --> 00:15:57,590

i don't really have any approaches as

269

00:16:02,790 --> 00:15:59,279

regards the experiments they're all very

270

00:16:08,790 --> 00:16:05,590

uh same question for kevin players

271

00:16:10,949 --> 00:16:08,800

yeah we have uh i think uh plan for a 50

272

00:16:13,269 --> 00:16:10,959

50 in the russian segment that will go

273

00:16:16,069 --> 00:16:13,279

during our expedition so uh

274

00:16:17,670 --> 00:16:16,079

one of my goals as an american that's uh

275

00:16:19,590 --> 00:16:17,680

sometimes very difficult to do but i'd

276

00:16:21,110 --> 00:16:19,600

like to be able to get down

277

00:16:49,110 --> 00:16:21,120

to the russian segment and see some of

278

00:16:53,110 --> 00:16:51,509

the u.s segment we have uh a few hundred

279

00:16:55,749 --> 00:16:53,120

experiments going on at any time some of

280

00:16:57,110 --> 00:16:55,759

them are outside uh and need very little

281

00:16:59,430 --> 00:16:57,120

help from the crew some of the ones

282

00:17:15,909 --> 00:16:59,440

inside uh need very little support from

283

00:17:15,919 --> 00:17:20,789

foreign

284

00:17:26,069 --> 00:17:24,230

all the experiments up there are

285

00:17:28,470 --> 00:17:26,079

chosen because they're very important

286

00:17:29,830 --> 00:17:28,480

and present great opportunities for

287

00:17:31,669 --> 00:17:29,840

humankind

288

00:17:50,390 --> 00:17:31,679

to learn about science but i do have a

289

00:17:54,710 --> 00:17:52,710

uh for example uh we have some burning

290

00:17:56,870 --> 00:17:54,720

in combustion experiments that i think

291

00:17:59,669 --> 00:17:56,880

are very important for future space

292

00:18:16,870 --> 00:17:59,679

flight and also of course very very fun

293

00:18:21,430 --> 00:18:19,190

so and then i i also really like the uh

294

00:18:23,590 --> 00:18:21,440

the fluid dynamics experiments

295

00:18:25,029 --> 00:18:23,600

um that we're doing with some capillary

296

00:18:27,430 --> 00:18:25,039

flow action and stuff that will help

297

00:18:28,950 --> 00:18:27,440

with design fuel tanks for spacecraft

298

00:18:30,630 --> 00:18:28,960

and then

299

00:18:32,950 --> 00:18:30,640

the the probably one of the more

300

00:18:37,270 --> 00:18:32,960

interesting is that we'll fly up on

301
00:18:39,510 --> 00:18:37,280
soyuz 32s with 32 fish on board which

302
00:18:41,830 --> 00:18:39,520
akison will be waiting to take from me

303
00:18:43,029 --> 00:18:41,840
as soon as we get on board and we'll be

304
00:18:46,390 --> 00:18:43,039
doing a

305
00:18:47,750 --> 00:18:46,400
bone study with these 32 fish on board

306
00:19:32,630 --> 00:18:47,760
during the expedition so that'll be

307
00:19:36,390 --> 00:19:34,230
you last flew to the international space

308
00:19:38,150 --> 00:19:36,400
station three years ago for a short

309
00:19:39,750 --> 00:19:38,160
duration flight what are you looking

310
00:19:41,430 --> 00:19:39,760
forward to the most this time with an

311
00:20:05,110 --> 00:19:41,440
opportunity to spend a lot more time on

312
00:20:09,909 --> 00:20:07,350
without a doubt it's the uh the extra

313
00:20:11,270 --> 00:20:09,919

free time uh on a space shuttle flight

314

00:20:13,510 --> 00:20:11,280

the dock time

315

00:20:16,470 --> 00:20:13,520

is uh is very short maybe on the order

316

00:20:31,990 --> 00:20:16,480

of nine or ten days and the plan is very

317

00:20:32,000 --> 00:20:40,070

foreign

318

00:20:44,710 --> 00:20:42,390

because of our launch time and the orbit

319

00:20:45,830 --> 00:20:44,720

orbital dynamics on sts-128 we were

320

00:20:50,070 --> 00:20:45,840

never able to

321

00:21:05,990 --> 00:20:50,080

any of the northern hemisphere

322

00:21:11,029 --> 00:21:08,630

so the opportunity presented with uh

323

00:21:13,350 --> 00:21:11,039

what five five months or so in orbit is

324

00:21:15,190 --> 00:21:13,360

to uh to be able to see all corners of

325

00:21:16,789 --> 00:21:15,200

the earth with some free time on

326

00:21:55,750 --> 00:21:16,799

weekends and so i think that's my my

327

00:22:02,310 --> 00:21:58,149

i'd like to congratulate the crew on

328

00:22:06,149 --> 00:22:04,549

and the first uh

329

00:22:08,070 --> 00:22:06,159

space

330

00:22:10,470 --> 00:22:08,080

record

331

00:22:12,630 --> 00:22:10,480

nobody has yet docked the space station

332

00:22:14,950 --> 00:22:12,640

at the altitude that the space station

333

00:22:21,669 --> 00:22:14,960

is flying at right now

334

00:22:29,029 --> 00:22:23,430

i probably said that we have very high

335

00:22:35,990 --> 00:22:31,110

technically speaking this altitude

336

00:22:40,070 --> 00:22:37,669

it's probably

337

00:22:41,990 --> 00:22:40,080

just the idea of as you said that we're

338

00:22:44,070 --> 00:22:42,000

going to break the record

339

00:22:45,909 --> 00:22:44,080

but

340

00:22:47,590 --> 00:22:45,919

not much else

341

00:22:50,470 --> 00:22:47,600

the main thing is that everything goes

342

00:22:51,669 --> 00:22:50,480

normally but delta doesn't really

343

00:22:53,510 --> 00:22:51,679

play

344

00:22:55,510 --> 00:22:53,520

a big part in this

345

00:22:59,029 --> 00:22:55,520

that's really all that i have

346

00:22:59,039 --> 00:23:05,669

a question for the backup crew

347

00:23:11,430 --> 00:23:08,710

yoko will probably also break

348

00:23:11,440 --> 00:23:24,710

what did you say

349

00:23:30,789 --> 00:23:27,669

i think breaking records is uh something

350

00:23:31,750 --> 00:23:30,799

we've been used to throughout the era of

351

00:23:36,710 --> 00:23:31,760

uh

352

00:23:39,110 --> 00:23:36,720

space research and space flights

353

00:23:42,149 --> 00:23:39,120

it is indeed problematic will follow the

354

00:23:45,269 --> 00:23:42,159

so-called quick schematic of docking but

355

00:23:48,870 --> 00:23:45,279

again there is nothing off normal in it

356

00:23:54,230 --> 00:23:48,880

the vehicle is fully controllable and

357

00:23:59,909 --> 00:23:56,549

and we'll be happy to

358

00:24:03,029 --> 00:23:59,919

uh to take to follow any any flight

359

00:24:06,870 --> 00:24:03,039

program made a for orbit or two orbit

360

00:24:06,880 --> 00:24:12,470

again uh questions for the backups

361

00:24:12,480 --> 00:24:18,950

there's a question for alexander

362

00:24:24,070 --> 00:24:21,029

what did you learn during your

363

00:24:28,789 --> 00:24:27,190

i mean besides instructors talking to

364

00:24:32,149 --> 00:24:28,799

your crew mates

365

00:24:34,630 --> 00:24:32,159

to other crew members

366

00:24:36,630 --> 00:24:34,640

i don't want to say

367

00:24:39,590 --> 00:24:36,640

too many things because a lot of these

368

00:24:41,990 --> 00:24:39,600

people are present here

369

00:24:44,390 --> 00:24:42,000

and i'm watching them i'm observing them

370

00:24:45,590 --> 00:24:44,400

and i'm taking and

371

00:24:48,870 --> 00:24:45,600

assuming

372

00:24:50,870 --> 00:24:48,880

what i think deemed necessary for me but

373

00:24:53,510 --> 00:24:50,880

uh i'll try not to make them blush so

374

00:25:04,470 --> 00:24:53,520

thank you for a question

375

00:25:09,669 --> 00:25:07,110

uh not very delicate question there will

376

00:25:12,630 --> 00:25:09,679

be five of you five men

377

00:25:14,630 --> 00:25:12,640

four of uh whom have been military

378

00:25:15,750 --> 00:25:14,640

pilots and will be under the commandment

379

00:25:18,710 --> 00:25:15,760

of one

380

00:25:24,470 --> 00:25:21,830

so what do you think about this

381

00:25:28,310 --> 00:25:24,480

do you have any doubts or feelings any

382

00:25:29,990 --> 00:25:28,320

ideas about this any thoughts

383

00:25:31,830 --> 00:25:30,000

that's my first question and the second

384

00:25:32,950 --> 00:25:31,840

question is what are going to do in your

385

00:25:35,029 --> 00:25:32,960

free time

386

00:25:42,950 --> 00:25:35,039

do you play any musical instruments do

387

00:25:48,789 --> 00:25:46,230

well as regards how we're going to

388

00:25:50,310 --> 00:25:48,799

make up the biggest six member crew i

389

00:25:54,390 --> 00:25:50,320

think it'll be fun we've known each

390

00:25:58,630 --> 00:25:57,669

so it's more like our choice our family

391

00:26:02,230 --> 00:25:58,640

father

392

00:26:08,470 --> 00:26:02,240

big brother younger brother

393

00:26:08,480 --> 00:26:13,430

as regards our support nation

394

00:26:17,990 --> 00:26:15,029

i don't think there is any difference

395

00:26:19,590 --> 00:26:18,000

whether it's a female or male 1

396

00:26:20,789 --> 00:26:19,600

the main thing is that is that we

397

00:26:36,870 --> 00:26:20,799

receive

398

00:26:55,669 --> 00:26:50,870

our

399

00:26:57,590 --> 00:26:55,679

i think

400

00:27:00,789 --> 00:26:57,600

we'll be really busy

401
00:27:04,630 --> 00:27:02,470
yes as our

402
00:27:06,950 --> 00:27:04,640
comrades say you've got free time when

403
00:27:08,070 --> 00:27:06,960
you've got experience

404
00:27:12,070 --> 00:27:08,080
and

405
00:27:16,390 --> 00:27:13,909
i don't think we'll have

406
00:27:19,669 --> 00:27:16,400
major differences as to

407
00:27:21,750 --> 00:27:19,679
how we spend our free time here on earth

408
00:27:26,549 --> 00:27:21,760
to play any musical instruments yes we

409
00:27:32,710 --> 00:27:30,230
we can talk to our families

410
00:27:34,710 --> 00:27:32,720
that's probably

411
00:27:36,470 --> 00:27:34,720
the main thing and the main need that

412
00:27:38,310 --> 00:27:36,480
we'll have on board

413
00:27:41,190 --> 00:27:38,320

because of course we're psychologically

414

00:27:43,110 --> 00:27:41,200

ready and prepared

415

00:27:45,190 --> 00:27:43,120

but sure i would like to share our

416

00:27:48,549 --> 00:27:45,200

feelings our impressions with our

417

00:27:50,230 --> 00:27:48,559

families talk to our kids

418

00:27:52,310 --> 00:27:50,240

i think this is it

419

00:27:53,590 --> 00:27:52,320

what about the other crew members

420

00:27:55,590 --> 00:27:53,600

well uh

421

00:27:56,389 --> 00:27:55,600

i could just say almost the same thing

422

00:28:01,110 --> 00:27:56,399

uh

423

00:28:03,510 --> 00:28:01,120

might pick up the guitar once and

424

00:28:05,669 --> 00:28:03,520

there's also a small keyboard

425

00:28:22,310 --> 00:28:05,679

uh one board like like an electronic

426

00:28:25,990 --> 00:28:23,830

but i think for me that will probably

427

00:28:27,909 --> 00:28:26,000

happen uh much later in the flight

428

00:28:30,630 --> 00:28:27,919

because when i first arrive i'll be more

429

00:28:32,870 --> 00:28:30,640

excited really about maybe taking some

430

00:28:47,350 --> 00:28:32,880

photographs of some places on earth of

431

00:28:51,510 --> 00:28:49,510

and maybe uh just uh over the years i've

432

00:28:52,870 --> 00:28:51,520

thought of a few personal experiments i

433

00:28:54,549 --> 00:28:52,880

would like to do i took a little

434

00:28:55,669 --> 00:28:54,559

inspiration from don pettit who you

435

00:28:57,510 --> 00:28:55,679

might remember

436

00:28:59,909 --> 00:28:57,520

and i have a few things up there that

437

00:29:01,430 --> 00:28:59,919

i'd like to try on zero g but uh i'm

438

00:29:02,789 --> 00:29:01,440

gonna have to save the announcement of

439

00:29:21,510 --> 00:29:02,799

those for after the flight just in case

440

00:29:21,520 --> 00:29:30,470

foreign

441

00:29:34,549 --> 00:29:32,149

my free time

442

00:29:38,549 --> 00:29:34,559

will be devoted to communicating with

443

00:29:44,230 --> 00:29:40,950

i'll try to take pictures

444

00:29:45,430 --> 00:29:44,240

of those places where my friends and

445

00:29:46,710 --> 00:29:45,440

comrades

446

00:29:54,470 --> 00:29:46,720

live

447

00:29:59,590 --> 00:29:57,590

24 a question to both crews did you

448

00:30:01,430 --> 00:29:59,600

think that the exam was more difficult

449

00:30:04,710 --> 00:30:01,440

than a usual

450

00:30:10,070 --> 00:30:04,720

simulation or training and if yes

451

00:30:13,830 --> 00:30:12,789

well an exam is an exam and since an

452

00:30:17,029 --> 00:30:13,840

exam

453

00:30:18,789 --> 00:30:17,039

it adds responsibility and its weight on

454

00:30:22,549 --> 00:30:18,799

the mind

455

00:30:26,230 --> 00:30:23,990

of course

456

00:30:28,549 --> 00:30:26,240

training and simulations uh

457

00:30:30,630 --> 00:30:28,559

allow us to be prepared to

458

00:30:33,029 --> 00:30:30,640

any situation that could potentially

459

00:30:36,070 --> 00:30:33,039

occur in reality so it's all very useful

460

00:30:38,389 --> 00:30:36,080

and necessary

461

00:30:39,909 --> 00:30:38,399

again i joined oleg and what he has just

462

00:30:41,669 --> 00:30:39,919

said

463

00:30:43,830 --> 00:30:41,679

the main thing is that an exam would

464

00:30:47,510 --> 00:30:43,840

have a number of off normal situations

465

00:30:52,389 --> 00:30:49,350

so

466

00:30:53,669 --> 00:30:52,399

technically speaking an exam is easier

467

00:30:56,389 --> 00:30:53,679

in that you know in advance they'll go

468

00:30:57,590 --> 00:30:56,399

into the official situations

469

00:31:00,950 --> 00:30:57,600

so

470

00:31:03,269 --> 00:31:00,960

then a regular simulation but it's

471

00:31:04,710 --> 00:31:03,279

an exam you know most of the simulations

472

00:31:06,389 --> 00:31:04,720

uh throughout the two and a half years

473

00:31:09,190 --> 00:31:06,399

of training are really meant for the

474

00:31:11,669 --> 00:31:09,200

instructors to to see how we perform and

475

00:31:14,310 --> 00:31:11,679

then uh correct us and teach us a long

476
00:31:15,909 --> 00:31:14,320
way whereas the examination is really a

477
00:31:17,590 --> 00:31:15,919
demonstration that we're ready to go to

478
00:31:18,630 --> 00:31:17,600
space so you do feel a little bit extra

479
00:31:44,870 --> 00:31:18,640
pressure

480
00:31:44,880 --> 00:31:50,230
foreign

481
00:31:50,240 --> 00:31:56,710
thank you very much

482
00:32:01,029 --> 00:31:58,710
well so that's what the backup and the

483
00:32:08,950 --> 00:32:01,039
primary chris said about the exams what

484
00:32:17,350 --> 00:32:11,110
the results are positive

485
00:32:20,630 --> 00:32:19,269
and what they said about the psychology

486
00:32:23,110 --> 00:32:20,640
constituent

487
00:32:26,870 --> 00:32:23,120
that's true because it's an exam and

488
00:32:29,669 --> 00:32:26,880

this is vital but in real flight

489

00:32:32,230 --> 00:32:29,679

it's even more important

490

00:32:34,549 --> 00:32:32,240

and sometimes even the absence of

491

00:32:35,909 --> 00:32:34,559

affluent situations can also be

492

00:32:38,149 --> 00:32:35,919

stressful because you know that

493

00:32:39,269 --> 00:32:38,159

something should happen but nothing is

494

00:32:40,310 --> 00:32:39,279

happening

495

00:32:44,310 --> 00:32:40,320

so this

496

00:32:46,070 --> 00:32:44,320

waiting can also be very strenuous

497

00:32:49,509 --> 00:32:46,080

but i'm talking probably now not as an

498

00:32:51,750 --> 00:32:49,519

examiner but as a human as a crew member

499

00:32:53,830 --> 00:32:51,760

as a cosmonaut has flown

500

00:32:55,029 --> 00:32:53,840

a few times

501
00:32:57,110 --> 00:32:55,039
so the

502
00:32:59,509 --> 00:32:57,120
skills that they acquire

503
00:33:01,190 --> 00:32:59,519
as to how to overcome stressful

504
00:33:03,350 --> 00:33:01,200
situations

505
00:33:05,590 --> 00:33:03,360
and strain is something they will have

506
00:33:07,430 --> 00:33:05,600
to implement in real time and of course

507
00:33:08,310 --> 00:33:07,440
the real time flight will not have as

508
00:33:10,630 --> 00:33:08,320
many

509
00:33:12,470 --> 00:33:10,640
off normal situations as an exam has had

510
00:33:13,830 --> 00:33:12,480
but they'll need to be able to focus to

511
00:33:16,549 --> 00:33:13,840
concentrate

512
00:33:17,990 --> 00:33:16,559
and this is something that was one of

513
00:33:23,430 --> 00:33:18,000

the main

514

00:33:23,440 --> 00:33:29,750

do you have any more questions

515

00:33:39,830 --> 00:33:32,470

so let's finish this stressful

516

00:33:46,230 --> 00:33:43,029

and i'd like to say that now the crews

517

00:33:47,269 --> 00:33:46,240

are going to leave a few

518

00:33:50,230 --> 00:33:47,279

lines

519

00:33:52,549 --> 00:33:50,240

in the guest books then they will go and

520

00:33:55,190 --> 00:33:52,559

visit red square

521

00:33:57,909 --> 00:33:55,200

they'll visit the cosmological museum

522

00:34:02,789 --> 00:33:57,919

and on october 9th they're flying out to

523

00:34:26,389 --> 00:34:05,669

thank you very much and

524

00:34:26,399 --> 00:34:43,430

like this yes

525

00:34:57,510 --> 00:34:45,829

50 years since the first

526

00:35:03,109 --> 00:34:59,589

we're ready to greet you

527

00:35:14,150 --> 00:35:03,119

here at our museum museum of

528

00:35:18,150 --> 00:35:16,150

the only crew that were unable to visit

529

00:35:20,310 --> 00:35:18,160

the museum

530

00:35:26,230 --> 00:35:20,320

prior to their flight was

531

00:35:36,870 --> 00:35:28,069

and this is a tradition

532

00:35:41,109 --> 00:35:39,190

and this is more like a launch pad

533

00:35:53,349 --> 00:35:41,119

uh prior to

534

00:35:53,359 --> 00:36:02,870

here it is

535

00:36:13,109 --> 00:36:05,589

since we have so many people here wanted

536

00:36:18,550 --> 00:36:16,310

and this is this lady's first time too

537

00:36:45,910 --> 00:36:18,560

she's working directly with crew for the

538

00:36:49,430 --> 00:36:47,750

so this is uh

539

00:36:51,750 --> 00:36:49,440

like it was uh

540

00:36:55,109 --> 00:36:51,760

on march 9th

541

00:37:46,310 --> 00:36:55,119

in the study he left everything as it is

542

00:37:54,470 --> 00:37:47,990

and we need to achieve the goals that

543

00:37:58,950 --> 00:37:57,030

and unfortunately this year we learned

544

00:38:01,430 --> 00:37:58,960

about

545

00:38:03,030 --> 00:38:01,440

armstrong's death

546

00:38:04,550 --> 00:38:03,040

because everybody thought that

547

00:38:11,109 --> 00:38:04,560

everything will be fine after the

548

00:38:17,750 --> 00:38:14,470

and please uh find the inscription

549

00:38:21,030 --> 00:38:17,760

he left in this volume one

550

00:38:23,190 --> 00:38:21,040

so this is in memory of this

551
00:38:34,310 --> 00:38:23,200
person and

552
00:38:34,320 --> 00:38:45,030
another backup crew players

553
00:38:45,040 --> 00:39:08,870
thank you very much

554
00:39:08,880 --> 00:39:15,750
good

555
00:39:15,760 --> 00:39:30,230
um

556
00:39:30,240 --> 00:39:45,030
players

557
00:39:45,040 --> 00:40:15,910
oh

558
00:40:15,920 --> 00:40:32,550
uh

559
00:40:32,560 --> 00:42:15,270
so

560
00:42:15,280 --> 00:42:48,230
as

561
00:42:51,190 --> 00:42:49,349
we are

562
00:42:52,870 --> 00:42:51,200
just exactly four weeks from launch day

563
00:42:55,030 --> 00:42:52,880

the we're planning to launch on the 23rd

564

00:42:56,710 --> 00:42:55,040

of october and today this morning we

565

00:42:58,470 --> 00:42:56,720

started out with our state commission

566

00:43:01,510 --> 00:42:58,480

which is the official certification of

567

00:43:03,670 --> 00:43:01,520

our flight and always uh all members the

568

00:43:06,069 --> 00:43:03,680

state department commission comes in and

569

00:43:08,230 --> 00:43:06,079

signs us off and clears us to go so very

570

00:43:11,109 --> 00:43:08,240

special day for us today it's a big step

571

00:43:12,470 --> 00:43:11,119

on the journey and then after that we

572

00:43:14,870 --> 00:43:12,480

spent a little time in store city we

573

00:43:17,510 --> 00:43:14,880

visited a museum and signed some books

574

00:43:19,910 --> 00:43:17,520

and saw the library of yuri gagarin

575

00:43:21,670 --> 00:43:19,920

there and then made the journey downtown

576

00:43:24,470 --> 00:43:21,680

here we're in the kremlin right now

577

00:43:27,670 --> 00:43:24,480

right near red square and we placed some

578

00:43:30,630 --> 00:43:27,680

flowers at the gravesites of gagarin and

579

00:43:33,030 --> 00:43:30,640

korolov to kind of pay our reverences to

580

00:43:35,270 --> 00:43:33,040

those who have gone before us and

581

00:43:36,790 --> 00:43:35,280

of course a big part of our history is

582

00:43:39,030 --> 00:43:36,800

those people the early pioneers or our

583

00:43:40,069 --> 00:43:39,040

space flight that's what allows us to

584

00:43:41,990 --> 00:43:40,079

continue the program on the

585

00:43:43,910 --> 00:43:42,000

international space station today when i

586

00:43:45,750 --> 00:43:43,920

do that i of course think of the people

587

00:43:47,030 --> 00:43:45,760

in the uh all over the world and

588

00:43:48,950 --> 00:43:47,040

especially though in our us space

589

00:43:51,349 --> 00:43:48,960

program that laid the foundation for us

590

00:43:54,390 --> 00:43:51,359

to do what we're doing as well so very

591

00:43:55,750 --> 00:43:54,400

very significant for us and

592

00:43:58,150 --> 00:43:55,760

after that we just took a little tour

593

00:44:00,550 --> 00:43:58,160

around got to see the tsar's bell and

594

00:44:02,790 --> 00:44:00,560

the cannon inside and have just a little

595

00:44:04,470 --> 00:44:02,800

time inside the kremlin a very unique

596

00:44:09,829 --> 00:44:04,480

and exciting opportunity so that's what