



1
00:00:30,630 --> 00:00:27,990
joining us today expedition 4142 flight

2
00:00:32,470 --> 00:00:30,640
engineer elena sorova elena thank you

3
00:00:35,110 --> 00:00:32,480
very much for your time

4
00:00:37,110 --> 00:00:35,120
it's a busy time for you you're in the

5
00:00:39,750 --> 00:00:37,120
home stretch of your training for your

6
00:00:42,470 --> 00:00:39,760
launch in september on the soyuz to the

7
00:00:44,389 --> 00:00:42,480
international space station

8
00:00:46,790 --> 00:00:44,399
how excited are you at this point and

9
00:00:48,389 --> 00:00:46,800
what are you looking forward to the most

10
00:00:54,950 --> 00:00:48,399
once you arrive on the international

11
00:00:58,630 --> 00:00:56,470
most of all

12
00:01:00,470 --> 00:00:58,640
i am expecting to

13
00:01:03,189 --> 00:01:00,480

perform my work

14

00:01:04,549 --> 00:01:03,199

uh with great quality and i'm a little

15

00:01:05,750 --> 00:01:04,559

concerned

16

00:01:09,350 --> 00:01:05,760

that

17

00:01:15,109 --> 00:01:12,950

stand up for those people who helped me

18

00:01:18,230 --> 00:01:15,119

to prepare for this mission and to help

19

00:01:20,230 --> 00:01:18,240

me to perform my work in a good manner

20

00:01:21,990 --> 00:01:20,240

tell us a little bit about yourself

21

00:01:24,550 --> 00:01:22,000

elena what

22

00:01:28,230 --> 00:01:24,560

what got you interested in

23

00:01:29,749 --> 00:01:28,240

human space flight becoming a cosmonaut

24

00:01:36,310 --> 00:01:29,759

what are some of your hobbies as well

25

00:01:39,350 --> 00:01:37,749

i'd like to start with the first part of

26

00:01:43,030 --> 00:01:39,360

your question why

27

00:01:45,749 --> 00:01:43,040

i became interested in flying into space

28

00:01:47,270 --> 00:01:45,759

since i was a child i was very

29

00:01:48,710 --> 00:01:47,280

interested

30

00:01:50,789 --> 00:01:48,720

in space

31

00:01:53,350 --> 00:01:50,799

the entire topic

32

00:01:55,670 --> 00:01:53,360

of space everything that was related to

33

00:01:57,590 --> 00:01:55,680

space exploration and the great part in

34

00:01:59,749 --> 00:01:57,600

my decision

35

00:02:01,830 --> 00:01:59,759

was placed by my school and my first

36

00:02:03,350 --> 00:02:01,840

teacher

37

00:02:07,670 --> 00:02:03,360

who

38

00:02:09,990 --> 00:02:07,680

often told us about different events

39

00:02:13,190 --> 00:02:10,000

related to space exploration

40

00:02:15,350 --> 00:02:13,200

so it was the first uh part in my

41

00:02:17,670 --> 00:02:15,360

conscious decision

42

00:02:20,470 --> 00:02:17,680

after that i

43

00:02:23,350 --> 00:02:20,480

uh went to study in the most aviation

44

00:02:24,710 --> 00:02:23,360

institute the space exploration

45

00:02:27,510 --> 00:02:24,720

department

46

00:02:29,910 --> 00:02:27,520

it was a very purposeful choice on my

47

00:02:31,190 --> 00:02:29,920

part i was very much interested in

48

00:02:33,350 --> 00:02:31,200

everything that was related to

49

00:02:35,030 --> 00:02:33,360

cosmonauts and astronauts

50

00:02:38,229 --> 00:02:35,040

after that i joined

51

00:02:42,949 --> 00:02:38,239

the rsc in ergia as an engineer

52

00:02:45,110 --> 00:02:42,959

and when i had an opportunity to apply

53

00:02:47,589 --> 00:02:45,120

to become a cosmonaut

54

00:02:48,790 --> 00:02:47,599

actually a cosmonaut candidate i did

55

00:02:52,710 --> 00:02:48,800

that

56

00:02:55,750 --> 00:02:52,720

and now i'm here talking to you

57

00:02:58,390 --> 00:02:55,760

as to the second part of your question

58

00:03:00,949 --> 00:02:58,400

i have different interests and they are

59

00:03:06,550 --> 00:03:00,959

not only space related as you might

60

00:03:10,390 --> 00:03:09,350

and i like it so much because i think

61

00:03:12,790 --> 00:03:10,400

that

62

00:03:16,070 --> 00:03:12,800

a human person who

63

00:03:17,990 --> 00:03:16,080

knows his uh or her history has their

64

00:03:20,390 --> 00:03:18,000

roots and they have

65

00:03:22,070 --> 00:03:20,400

they have their outlook for the future

66

00:03:23,190 --> 00:03:22,080

let's talk a little bit about history

67

00:03:24,149 --> 00:03:23,200

for a moment

68

00:03:28,470 --> 00:03:24,159

when

69

00:03:30,630 --> 00:03:28,480

we interview cosmonauts we ask them

70

00:03:33,190 --> 00:03:30,640

what got you inspired what was your

71

00:03:35,030 --> 00:03:33,200

motivation to want to fly in space

72

00:03:38,789 --> 00:03:35,040

did you have a hero when you were young

73

00:03:41,509 --> 00:03:38,799

and they all say of course yuri gagarin

74

00:03:44,229 --> 00:03:41,519

for you was it yuri gagarin or might it

75

00:03:46,630 --> 00:03:44,239

have been valentina tarashkova that

76
00:03:54,550 --> 00:03:46,640
enabled you to look up at the sky and

77
00:03:58,390 --> 00:03:57,030
let me answer in this way

78
00:04:01,030 --> 00:03:58,400
of course

79
00:04:02,550 --> 00:04:01,040
a big part in my decision

80
00:04:05,110 --> 00:04:02,560
was

81
00:04:07,750 --> 00:04:05,120
made by all the cosmonauts who

82
00:04:09,270 --> 00:04:07,760
were flying first

83
00:04:12,070 --> 00:04:09,280
both men

84
00:04:14,869 --> 00:04:12,080
and obviously women and valentina

85
00:04:18,229 --> 00:04:14,879
tereshkova was the woman

86
00:04:19,590 --> 00:04:18,239
she was a great example that impacted my

87
00:04:23,030 --> 00:04:19,600
decision

88
00:04:23,040 --> 00:04:25,990

a lot of people

89

00:04:29,830 --> 00:04:27,990

played part in my decision and there

90

00:04:35,430 --> 00:04:29,840

were

91

00:04:38,390 --> 00:04:35,440

uh both female and male

92

00:04:40,230 --> 00:04:38,400

1 elena you will become only the fourth

93

00:04:42,469 --> 00:04:40,240

russian woman to fly in space when you

94

00:04:45,270 --> 00:04:42,479

launch and the first since elena

95

00:04:47,590 --> 00:04:45,280

kondikova flew on the space shuttle back

96

00:04:48,870 --> 00:04:47,600

on her second flight into space some 14

97

00:04:51,189 --> 00:04:48,880

years ago

98

00:04:52,710 --> 00:04:51,199

how significant is this for you

99

00:04:54,790 --> 00:04:52,720

personally

100

00:04:57,990 --> 00:04:54,800

and what is the importance of your

101
00:05:00,629 --> 00:04:58,000
flight opening up the door perhaps for

102
00:05:09,590 --> 00:05:00,639
more russian women to become cosmonauts

103
00:05:15,430 --> 00:05:12,790
let me answer this question like this

104
00:05:17,909 --> 00:05:15,440
the door to space

105
00:05:20,550 --> 00:05:17,919
was open to all women by valentina

106
00:05:22,950 --> 00:05:20,560
tereshkova

107
00:05:25,350 --> 00:05:22,960
we only do our work i don't think i'm

108
00:05:28,469 --> 00:05:25,360
doing anything extraordinary

109
00:05:30,550 --> 00:05:28,479
i'm just doing something that was

110
00:05:33,670 --> 00:05:30,560
started by our

111
00:05:35,270 --> 00:05:33,680
female astronauts cosmonauts

112
00:05:37,909 --> 00:05:35,280
i think that both cosmonauts and

113
00:05:40,550 --> 00:05:37,919

astronauts first of all should be

114

00:05:44,469 --> 00:05:40,560

professionals in their area

115

00:05:48,390 --> 00:05:44,479

in order to perform their work

116

00:05:53,990 --> 00:05:51,510

has has your training been more complex

117

00:05:57,430 --> 00:05:54,000

than you had anticipated so many things

118

00:05:59,189 --> 00:05:57,440

to learn russian segment u.s segment

119

00:06:01,430 --> 00:05:59,199

all of the scientific work that you'll

120

00:06:02,309 --> 00:06:01,440

be conducting during your six months on

121

00:06:04,710 --> 00:06:02,319

orbit

122

00:06:07,029 --> 00:06:04,720

how how complex has all of this

123

00:06:16,230 --> 00:06:07,039

preparation been for the opportunity to

124

00:06:20,629 --> 00:06:17,990

usually when i'm asked this question i

125

00:06:23,590 --> 00:06:20,639

answer it like this

126

00:06:26,469 --> 00:06:23,600

no work is easy

127

00:06:27,830 --> 00:06:26,479

especially training and learning

128

00:06:31,110 --> 00:06:27,840

is hard

129

00:06:32,950 --> 00:06:31,120

it is a very hard job to do and my path

130

00:06:34,550 --> 00:06:32,960

up to this moment has been very

131

00:06:36,469 --> 00:06:34,560

difficult

132

00:06:39,749 --> 00:06:36,479

and i think that

133

00:06:43,189 --> 00:06:39,759

my work in the future will be very

134

00:06:45,430 --> 00:06:43,199

tense and uh very challenging

135

00:06:48,230 --> 00:06:45,440

whenever you are faced with these

136

00:06:49,909 --> 00:06:48,240

challenges you have to make decisions

137

00:06:53,029 --> 00:06:49,919

and

138

00:06:54,469 --> 00:06:53,039

it's very interesting i love learning

139

00:06:59,830 --> 00:06:54,479

i

140

00:07:03,830 --> 00:06:59,840

to learn but

141

00:07:05,990 --> 00:07:03,840

no work is easy as i said

142

00:07:07,749 --> 00:07:06,000

have you spent any free time thinking

143

00:07:10,469 --> 00:07:07,759

about what the view of earth is going to

144

00:07:12,629 --> 00:07:10,479

be once you get up on the space station

145

00:07:14,830 --> 00:07:12,639

how magnificent this whole experience is

146

00:07:17,189 --> 00:07:14,840

going to be for you to have the

147

00:07:19,350 --> 00:07:17,199

opportunity to look back at earth to

148

00:07:21,510 --> 00:07:19,360

look at your home country

149

00:07:28,070 --> 00:07:21,520

to experience weightlessness for six

150

00:07:33,510 --> 00:07:31,510

that this is a slow yes of course

151
00:07:35,189 --> 00:07:33,520
i have been thinking about that and i

152
00:07:38,550 --> 00:07:35,199
was trying to imagine

153
00:07:42,390 --> 00:07:40,070
but as my

154
00:07:43,430 --> 00:07:42,400
russian colleagues and u.s colleagues

155
00:07:46,629 --> 00:07:43,440
told us

156
00:07:49,990 --> 00:07:46,639
whatever you see from out there is

157
00:07:51,909 --> 00:07:50,000
unforgettable and i'm hopeful to get

158
00:07:54,469 --> 00:07:51,919
this experience in my life and i will

159
00:07:55,749 --> 00:07:54,479
enjoy the earth views

160
00:07:58,629 --> 00:07:55,759
my

161
00:08:00,150 --> 00:07:58,639
homeland is our planet and i hope to get

162
00:08:01,189 --> 00:08:00,160
this experience

163
00:08:03,749 --> 00:08:01,199

elena

164

00:08:06,629 --> 00:08:03,759

in the wake of uh becoming only the

165

00:08:09,909 --> 00:08:06,639

fourth uh russian woman to fly in space

166

00:08:11,430 --> 00:08:09,919

later this year do you see yourself as a

167

00:08:13,830 --> 00:08:11,440

role model you mentioned valentina

168

00:08:15,749 --> 00:08:13,840

taraskova of course as a role model for

169

00:08:18,230 --> 00:08:15,759

women but do you see yourself in the

170

00:08:20,070 --> 00:08:18,240

future as a role model for other russian

171

00:08:22,469 --> 00:08:20,080

women

172

00:08:33,909 --> 00:08:22,479

to have also an opportunity to mark

173

00:08:38,389 --> 00:08:35,670

and i hope that

174

00:08:42,630 --> 00:08:38,399

i will be a role model not only for

175

00:08:43,829 --> 00:08:42,640

a women girls young girls but also for

176
00:08:44,710 --> 00:08:43,839
men

177
00:08:47,990 --> 00:08:44,720
that

178
00:08:50,230 --> 00:08:48,000
i will be a

179
00:08:51,509 --> 00:08:50,240
good example to follow

180
00:08:53,590 --> 00:08:51,519
because like i said it's a huge

181
00:08:55,590 --> 00:08:53,600
responsibility

182
00:08:58,230 --> 00:08:55,600
the international space station just

183
00:09:00,790 --> 00:08:58,240
passed the 15th anniversary of the

184
00:09:03,190 --> 00:09:00,800
launching of the zarya module the first

185
00:09:05,590 --> 00:09:03,200
component of the space station

186
00:09:07,190 --> 00:09:05,600
and it has just now been extended its

187
00:09:09,190 --> 00:09:07,200
lifetime has been extended to at least

188
00:09:12,230 --> 00:09:09,200

2024.

189

00:09:14,870 --> 00:09:12,240

how have you viewed the

190

00:09:17,430 --> 00:09:14,880

space station's maturation

191

00:09:18,790 --> 00:09:17,440

how it's grown in size grown in research

192

00:09:21,190 --> 00:09:18,800

capability

193

00:09:33,990 --> 00:09:21,200

what does it represent for you in terms

194

00:09:38,710 --> 00:09:37,910

from the very first launch this station

195

00:09:39,990 --> 00:09:38,720

has

196

00:09:42,550 --> 00:09:40,000

grown

197

00:09:43,750 --> 00:09:42,560

and the station is big now

198

00:09:45,110 --> 00:09:43,760

we have

199

00:09:47,190 --> 00:09:45,120

a lot of

200

00:09:48,870 --> 00:09:47,200

science hardware there

201
00:09:50,710 --> 00:09:48,880
in order to perform all kinds of

202
00:09:52,070 --> 00:09:50,720
scientific experiments

203
00:09:53,829 --> 00:09:52,080
and research

204
00:09:55,590 --> 00:09:53,839
and i hope that

205
00:09:58,550 --> 00:09:55,600
in the future

206
00:09:59,509 --> 00:09:58,560
that hardware will

207
00:10:06,230 --> 00:09:59,519
be

208
00:10:08,870 --> 00:10:06,240
perform a lot of different functions

209
00:10:10,230 --> 00:10:08,880
and obviously

210
00:10:12,150 --> 00:10:10,240
experienced

211
00:10:18,069 --> 00:10:12,160
people will be

212
00:10:20,870 --> 00:10:19,750
i just want to

213
00:10:24,550 --> 00:10:20,880

say that i

214

00:10:26,949 --> 00:10:24,560

really hope that it will be so

215

00:10:28,230 --> 00:10:26,959

how has the international space station

216

00:10:30,630 --> 00:10:28,240

uh

217

00:10:33,350 --> 00:10:30,640

made it possible for

218

00:10:35,910 --> 00:10:33,360

various nations various cultures

219

00:10:38,949 --> 00:10:35,920

languages backgrounds

220

00:10:42,069 --> 00:10:38,959

astronauts cosmonauts from all over the

221

00:10:44,150 --> 00:10:42,079

world uh that it has become sort of a a

222

00:10:46,230 --> 00:10:44,160

global village if you will it almost is

223

00:10:47,990 --> 00:10:46,240

like the olympics in its own right

224

00:10:54,630 --> 00:10:48,000

bringing all these nations together how

225

00:11:01,750 --> 00:10:58,230

it is undoubtedly very important that

226

00:11:04,069 --> 00:11:01,760

we have all kinds of people working on

227

00:11:05,430 --> 00:11:04,079

the international space station people

228

00:11:07,509 --> 00:11:05,440

from different countries people of

229

00:11:10,150 --> 00:11:07,519

different professions

230

00:11:12,710 --> 00:11:10,160

because the international space station

231

00:11:13,750 --> 00:11:12,720

is the beginning of something tremendous

232

00:11:16,949 --> 00:11:13,760

something

233

00:11:19,030 --> 00:11:16,959

outstanding especially in the light of

234

00:11:21,110 --> 00:11:19,040

the further exploration when people will

235

00:11:22,870 --> 00:11:21,120

be exploring other planets

236

00:11:25,829 --> 00:11:22,880

and other worlds

237

00:11:27,590 --> 00:11:25,839

and people like exploring people are

238

00:11:29,030 --> 00:11:27,600

natural travelers

239

00:11:31,030 --> 00:11:29,040

and explorers

240

00:11:33,190 --> 00:11:31,040

i think

241

00:11:34,389 --> 00:11:33,200

in the international space station is a

242

00:11:37,350 --> 00:11:34,399

very important

243

00:11:39,269 --> 00:11:37,360

step in the history of mankind

244

00:11:41,990 --> 00:11:39,279

elena sorova thank you so much for your

245

00:11:43,750 --> 00:11:42,000

time expedition 4142 flight engineer

246

00:11:45,670 --> 00:11:43,760

elena sarova and good luck with your

247

00:11:49,590 --> 00:11:45,680

training as you prepare for your launch

248

00:12:00,550 --> 00:11:50,790

especially

249

00:12:03,829 --> 00:12:02,470

you guys are lucky i can't hear you

250

00:12:15,269 --> 00:12:03,839

got the air going so you can think about

251
00:12:15,279 --> 00:12:27,030
dust masks

252
00:12:27,040 --> 00:12:46,710
oh

253
00:12:50,629 --> 00:12:48,870
we'll have somebody go to the nearest

254
00:13:04,150 --> 00:12:50,639
which is right here in the last

255
00:13:04,160 --> 00:13:18,150
hardware

256
00:13:34,629 --> 00:13:20,230
besides the wpa look at this message so

257
00:13:34,639 --> 00:13:38,310
good call

258
00:13:38,320 --> 00:13:59,110
node one

259
00:13:59,120 --> 00:14:39,430
very good very good

260
00:14:39,440 --> 00:14:51,269
foreign

261
00:14:51,279 --> 00:15:39,110
um

262
00:15:39,120 --> 00:16:02,949
nothing foreign

263
00:16:02,959 --> 00:16:09,430

food