



1  
00:00:20,310 --> 00:00:13,770  
[Music]

2  
00:00:33,190 --> 00:00:23,030  
um

3  
00:00:34,830 --> 00:00:33,200  
[Music]

4  
00:00:41,820 --> 00:00:34,840  
yes

5  
00:01:27,429 --> 00:01:06,720  
[Music]

6  
00:01:27,439 --> 00:01:30,820  
is

7  
00:01:30,830 --> 00:01:35,800  
[Applause]

8  
00:01:35,810 --> 00:01:47,830  
[Music]

9  
00:02:08,629 --> 00:01:50,520  
oh

10  
00:02:22,470 --> 00:02:10,790  
[Music]

11  
00:02:22,480 --> 00:02:32,620  
be careful

12  
00:02:32,630 --> 00:02:35,990  
[Music]

13  
00:02:36,000 --> 00:02:42,660

thank you very much you're welcome

14

00:02:42,670 --> 00:03:00,630

[Music]

15

00:03:07,430 --> 00:03:04,190

chairman of the examination commission

16

00:03:08,949 --> 00:03:07,440

5354 expedition crew is ready for the

17

00:03:13,589 --> 00:03:08,959

examination

18

00:03:17,589 --> 00:03:15,110

it's very

19

00:03:19,750 --> 00:03:17,599

glad i'm very glad to hear

20

00:03:24,970 --> 00:03:19,760

that and very glad to see here

21

00:03:45,030 --> 00:03:43,270

[Music]

22

00:03:48,070 --> 00:03:45,040

oh i definitely feel ready i think the

23

00:03:51,509 --> 00:03:48,080

instructors here in star city gctc have

24

00:03:54,390 --> 00:03:51,519

done a fantastic job of getting me ready

25

00:03:56,710 --> 00:03:54,400

for this backup float absolutely

26

00:03:57,910 --> 00:03:56,720

all three of us together are family and

27

00:04:00,550 --> 00:03:57,920

uh and we're just part of a

28

00:04:01,830 --> 00:04:00,560

multinational crew and uh we're all

29

00:04:03,750 --> 00:04:01,840

we're all working together and going

30

00:04:05,830 --> 00:04:03,760

down on the same path so it's been a

31

00:04:08,229 --> 00:04:05,840

beautiful experience

32

00:04:10,550 --> 00:04:08,239

i cannot do anything just flying space

33

00:04:15,670 --> 00:04:10,560

with the professionals like

34

00:04:15,680 --> 00:04:24,870

thank you

35

00:04:24,880 --> 00:04:29,830

hello

36

00:04:33,749 --> 00:04:31,909

mr chairman of the examination

37

00:05:02,530 --> 00:04:33,759

commission the prime crew is here to

38

00:05:11,430 --> 00:05:04,340

[Laughter]

39

00:05:15,350 --> 00:05:13,270

about six months but it's gone really

40

00:05:18,150 --> 00:05:15,360

really well they put together a great

41

00:05:20,629 --> 00:05:18,160

plan i have a very uh excellent crew

42

00:05:23,350 --> 00:05:20,639

with me an experienced commander and so

43

00:05:25,670 --> 00:05:23,360

we're ready to go it's been great

44

00:05:27,670 --> 00:05:25,680

honestly i think no matter what

45

00:05:29,830 --> 00:05:27,680

country that our crew members are from

46

00:05:31,830 --> 00:05:29,840

we it would be just as good the fact

47

00:05:33,510 --> 00:05:31,840

that i can communicate very easily with

48

00:05:34,629 --> 00:05:33,520

joe makes life a little bit easier for

49

00:05:36,150 --> 00:05:34,639

me

50

00:05:38,070 --> 00:05:36,160

and the fact that both these guys are

51  
00:05:39,430 --> 00:05:38,080  
such good people and have become great

52  
00:05:40,469 --> 00:05:39,440  
friends is really the most important

53  
00:05:43,189 --> 00:05:40,479  
thing

54  
00:05:46,310 --> 00:05:43,199  
i don't want you think that we

55  
00:05:47,830 --> 00:05:46,320  
stay here and trying to tell our best

56  
00:05:51,830 --> 00:05:47,840  
words about our

57  
00:05:54,070 --> 00:05:51,840  
our friends and the crew mates

58  
00:05:57,029 --> 00:05:54,080  
i'm like a guy thank god i'm really

59  
00:05:59,430 --> 00:05:57,039  
happy to be in the one crew with two

60  
00:06:00,150 --> 00:05:59,440  
gentlemen these gentlemen

61  
00:06:03,110 --> 00:06:00,160  
and

62  
00:06:06,629 --> 00:06:03,120  
i hope we will have very nice flight it

63  
00:06:15,000 --> 00:06:06,639

should be smooth and very fun and very

64

00:06:15,010 --> 00:06:20,710

[Music]

65

00:06:20,720 --> 00:06:30,270

foreign

66

00:06:30,280 --> 00:06:38,550

[Music]

67

00:06:50,309 --> 00:06:39,830

good luck

68

00:06:50,319 --> 00:07:13,589

foreign

69

00:07:18,710 --> 00:07:14,830

thank

70

00:07:19,749 --> 00:07:18,720

you are all cameras ready

71

00:07:21,990 --> 00:07:19,759

all right

72

00:07:23,029 --> 00:07:22,000

all cameras are ready your questions

73

00:07:25,990 --> 00:07:23,039

please

74

00:07:28,390 --> 00:07:26,000

bear than there is in houston right now

75

00:07:30,150 --> 00:07:28,400

um it's a very nice time of year to be

76  
00:07:32,390 --> 00:07:30,160  
in baikonur and i'm really happy to be

77  
00:07:34,710 --> 00:07:32,400  
able to to launch from there along with

78  
00:07:37,909 --> 00:07:34,720  
such great people

79  
00:07:40,870 --> 00:07:39,430  
the weather is great it's like

80  
00:07:42,070 --> 00:07:40,880  
california

81  
00:07:58,070 --> 00:07:42,080  
it's hot

82  
00:07:58,080 --> 00:08:04,790  
yes

83  
00:08:04,800 --> 00:08:17,670  
[Music]

84  
00:08:23,350 --> 00:08:20,390  
myself and then ricky arnold will follow

85  
00:08:24,550 --> 00:08:23,360  
so we'll have a a year of education in

86  
00:08:26,550 --> 00:08:24,560  
space

87  
00:08:28,469 --> 00:08:26,560  
and it's a great opportunity

88  
00:08:30,070 --> 00:08:28,479

for nasa to partner with various

89

00:08:32,310 --> 00:08:30,080

organizations

90

00:08:33,750 --> 00:08:32,320

to highlight the teaching profession and

91

00:08:36,630 --> 00:08:33,760

how important

92

00:08:38,149 --> 00:08:36,640

school and in education is and in

93

00:08:39,670 --> 00:08:38,159

addition we'll do numerous

94

00:08:42,469 --> 00:08:39,680

demonstrations on the international

95

00:08:45,110 --> 00:08:42,479

space station in order to help out the

96

00:08:47,430 --> 00:08:45,120

teachers that are out there working hard

97

00:08:48,949 --> 00:08:47,440

and help those that are really working

98

00:08:52,470 --> 00:08:48,959

in the most important profession on the

99

00:08:56,230 --> 00:08:54,389

the fact that we're going to launch

100

00:08:57,990 --> 00:08:56,240

closer to the launch date

101  
00:09:00,310 --> 00:08:58,000  
means that i'll get to see my wife

102  
00:09:02,310 --> 00:09:00,320  
before we go down to baikonur

103  
00:09:04,710 --> 00:09:02,320  
well the first time i was in training

104  
00:09:05,990 --> 00:09:04,720  
for a flight um it was a three-year

105  
00:09:08,630 --> 00:09:06,000  
process

106  
00:09:10,550 --> 00:09:08,640  
this time it was only a few months

107  
00:09:13,350 --> 00:09:10,560  
but i have to say that the instructors

108  
00:09:15,910 --> 00:09:13,360  
here and the instructors in houston and

109  
00:09:18,630 --> 00:09:15,920  
around the world did a fantastic job of

110  
00:09:20,829 --> 00:09:18,640  
concentrating the training so that that

111  
00:09:23,430 --> 00:09:20,839  
i would be well prepared um for this

112  
00:09:25,910 --> 00:09:23,440  
role the training here

113  
00:09:28,150 --> 00:09:25,920

is very focused uh and can be very

114

00:09:30,070 --> 00:09:28,160

intense at times and it takes a lot of

115

00:09:32,230 --> 00:09:30,080

work and a lot of effort

116

00:09:33,670 --> 00:09:32,240

but what i found most interesting and

117

00:09:35,590 --> 00:09:33,680

most rewarding

118

00:09:36,790 --> 00:09:35,600

was the community of people

119

00:09:39,269 --> 00:09:36,800

here

120

00:09:41,590 --> 00:09:39,279

at our european partners at our jackson

121

00:09:43,750 --> 00:09:41,600

partners and at houston

122

00:09:45,750 --> 00:09:43,760

just absolutely wonderful people that

123

00:09:47,590 --> 00:09:45,760

really care about their jobs that do

124

00:09:49,590 --> 00:09:47,600

everything they can to make us operate

125

00:09:52,150 --> 00:09:49,600

safely and efficiently

126  
00:09:53,829 --> 00:09:52,160  
and with faithful support of us going

127  
00:09:56,710 --> 00:09:53,839  
through the program it's absolutely

128  
00:09:56,720 --> 00:10:02,829  
good

129  
00:10:02,839 --> 00:10:12,310  
afternoon thank you very much

130  
00:10:15,990 --> 00:10:13,670  
you will

131  
00:10:49,590 --> 00:10:16,000  
need to help each other yes that's

132  
00:10:49,600 --> 00:11:00,830  
thank you

133  
00:11:00,840 --> 00:11:12,790  
[Applause]

134  
00:11:12,800 --> 00:11:30,580  
stuff here

135  
00:11:30,590 --> 00:11:37,829  
[Music]

136  
00:11:59,110 --> 00:11:39,670  
all right let's take a photograph of two

137  
00:11:59,120 --> 00:12:43,580  
here we go

138  
00:12:43,590 --> 00:13:01,030

[Music]

139

00:13:01,040 --> 00:13:11,630

unions

140

00:13:21,750 --> 00:13:12,250

[Music]

141

00:13:21,760 --> 00:13:29,990

please look at me one more time

142

00:13:30,000 --> 00:13:43,670

thank you

143

00:13:47,189 --> 00:13:45,590

attention please

144

00:13:48,790 --> 00:13:47,199

you got it yeah we're uh we're

145

00:13:51,269 --> 00:13:48,800

definitely ready we just finished our

146

00:13:53,030 --> 00:13:51,279

final exams well we're taking part uh

147

00:13:55,509 --> 00:13:53,040

some of the great russian traditions out

148

00:13:57,910 --> 00:13:55,519

here uh down at red square in the

149

00:13:59,590 --> 00:13:57,920

kremlin so uh from here a few days of

150

00:14:02,389 --> 00:13:59,600

rest and then we're off to baikonur for

151

00:14:03,990 --> 00:14:02,399

the last bit of preparation

152

00:14:05,910 --> 00:14:04,000

i've got nothing to add really it's a

153

00:14:07,670 --> 00:14:05,920

wonderful day i'm really really excited

154

00:14:09,509 --> 00:14:07,680

that was a big step over the last couple

155

00:14:11,350 --> 00:14:09,519

days as we finished those exams and

156

00:14:14,629 --> 00:14:11,360

everything here is just looking good you

157

00:14:16,150 --> 00:14:14,639

did great you did too man

158

00:14:18,069 --> 00:14:16,160

i'd like to thank my family for all the

159

00:14:20,069 --> 00:14:18,079

support they've given us and also all

160

00:14:22,150 --> 00:14:20,079

the people in the entire team across the

161

00:14:24,389 --> 00:14:22,160

world that's done an amazing job

162

00:14:26,710 --> 00:14:24,399

preparing us to do this next step which

163

00:14:27,990 --> 00:14:26,720

is going to be in space for the good of

164

00:14:29,910 --> 00:14:28,000

humanity

165

00:14:31,509 --> 00:14:29,920

yeah i'd like to say a big thank you to

166

00:14:33,110 --> 00:14:31,519

a lot of folks back in houston that

167

00:14:35,110 --> 00:14:33,120

helped out uh with the hurricane that

168

00:14:36,790 --> 00:14:35,120

came through i know i had a little bit

169

00:14:38,550 --> 00:14:36,800

of damage and

170

00:14:40,710 --> 00:14:38,560

all of nasa has really pulled together

171

00:14:43,030 --> 00:14:40,720

as a team it shows what we do not only

172

00:14:53,320 --> 00:14:43,040

in space but on the ground when uh when

173

00:14:53,330 --> 00:15:08,069

[Laughter]

174

00:15:39,920 --> 00:15:09,829

hey bill how are you good how are you

175

00:15:50,870 --> 00:15:41,640

[Music]

176  
00:15:50,880 --> 00:15:58,230  
excellent

177  
00:15:58,240 --> 00:16:14,710  
[Applause]

178  
00:16:20,470 --> 00:16:16,470  
okay let's

179  
00:16:27,189 --> 00:16:23,590  
good morning

180  
00:16:40,069 --> 00:16:27,199  
hello

181  
00:16:48,150 --> 00:16:43,990  
i'm a flight engineer of the backup crew

182  
00:16:54,870 --> 00:16:51,430  
joe's here

183  
00:17:00,150 --> 00:16:58,310  
this is our flight engineer

184  
00:17:03,269 --> 00:17:00,160  
this is my mom

185  
00:17:04,870 --> 00:17:03,279  
hi nice to meet you nice to meet you

186  
00:17:05,909 --> 00:17:04,880  
my grandmother

187  
00:17:09,429 --> 00:17:05,919  
hi

188  
00:17:11,750 --> 00:17:09,439

nice to meet you my sister marina

189

00:17:14,470 --> 00:17:11,760

and her husband nikolai

190

00:17:16,710 --> 00:17:14,480

very nice to meet you my niece

191

00:17:21,669 --> 00:17:16,720

and my wonderful children

192

00:17:26,309 --> 00:17:22,870

and

193

00:17:28,870 --> 00:17:26,319

valentina you know her she is wife yes

194

00:17:31,990 --> 00:17:28,880

of course hi very good to see you

195

00:17:57,350 --> 00:17:32,000

and one more sister is here

196

00:18:37,029 --> 00:18:00,789

okay so shall we

197

00:18:37,039 --> 00:18:48,230

is sasha here

198

00:19:10,630 --> 00:18:51,669

i'm feeling great i'm feeling great

199

00:19:10,640 --> 00:19:27,110

hello bear good to see you

200

00:19:27,120 --> 00:19:42,789

uh

201  
00:19:42,799 --> 00:19:51,990  
meal

202  
00:19:57,830 --> 00:19:54,470  
a little bit to the left yes stop right

203  
00:20:03,909 --> 00:19:59,029  
smile

204  
00:20:07,430 --> 00:20:05,510  
both mark and joe

205  
00:20:09,110 --> 00:20:07,440  
this launch begins a year

206  
00:20:11,190 --> 00:20:09,120  
three nasa astronauts on board the

207  
00:20:13,590 --> 00:20:11,200  
station and expanded u.s hormonal

208  
00:20:14,789 --> 00:20:13,600  
segment presence how critical is all of

209  
00:20:17,029 --> 00:20:14,799  
that for

210  
00:20:19,190 --> 00:20:17,039  
augmenting scientific research on board

211  
00:20:21,190 --> 00:20:19,200  
communication

212  
00:20:22,870 --> 00:20:21,200  
well it's uh extremely important as you

213  
00:20:25,270 --> 00:20:22,880

can imagine uh we have a greater

214

00:20:27,270 --> 00:20:25,280

workforce up there so it gives us a lot

215

00:20:29,270 --> 00:20:27,280

more time to get the important work done

216

00:20:31,350 --> 00:20:29,280

i mean we're there to do science and

217

00:20:33,270 --> 00:20:31,360

maintain the space station so having

218

00:20:34,710 --> 00:20:33,280

more help just makes it a lot easier for

219

00:20:36,310 --> 00:20:34,720

us and we'll get a lot done in the next

220

00:20:37,669 --> 00:20:36,320

year

221

00:20:39,270 --> 00:20:37,679

time is a resource and the fact that

222

00:20:40,630 --> 00:20:39,280

we'll have more time and the manpower to

223

00:20:41,990 --> 00:20:40,640

go along with it

224

00:20:43,190 --> 00:20:42,000

it's important we'll get some stuff done

225

00:20:44,310 --> 00:20:43,200

and we're looking forward to starting to

226  
00:20:46,070 --> 00:20:44,320  
work

227  
00:20:48,310 --> 00:20:46,080  
a month from now you all will be on

228  
00:20:50,710 --> 00:20:48,320  
orbit on the 60th anniversary of the

229  
00:20:52,549 --> 00:20:50,720  
launching of sputnik which began this

230  
00:20:53,510 --> 00:20:52,559  
whole adventure of space exploration

231  
00:20:56,310 --> 00:20:53,520  
really

232  
00:20:59,990 --> 00:20:56,320  
uh your thoughts on how far humankind

233  
00:21:04,070 --> 00:21:02,230  
i have to think about this answer well

234  
00:21:05,510 --> 00:21:04,080  
you know obviously we've come a long way

235  
00:21:08,470 --> 00:21:05,520  
if you look at the international space

236  
00:21:10,789 --> 00:21:08,480  
station it's just an incredible art of

237  
00:21:12,390 --> 00:21:10,799  
engineering so we've come a long way but

238  
00:21:14,070 --> 00:21:12,400

the interesting thing is we're still

239

00:21:16,230 --> 00:21:14,080

learning a lot and there's still a lot

240

00:21:17,909 --> 00:21:16,240

more we have to learn and i think it's a

241

00:21:19,270 --> 00:21:17,919

great opportunity to get students

242

00:21:21,430 --> 00:21:19,280

excited now because we're going to

243

00:21:23,510 --> 00:21:21,440

celebrate that anniversary we can talk

244

00:21:26,630 --> 00:21:23,520

about how we got there and how we got to

245

00:21:29,750 --> 00:21:26,640

where we are today so it's a great time

246

00:21:32,789 --> 00:21:29,760

and i'd add to that that we've had

247

00:21:35,190 --> 00:21:32,799

we've gone from 60 years ago having a

248

00:21:37,669 --> 00:21:35,200

satellite in orbit to having

249

00:21:40,310 --> 00:21:37,679

not just one person but multiple people

250

00:21:42,630 --> 00:21:40,320

in orbit together from multiple nations

251

00:21:44,390 --> 00:21:42,640

accomplishing science every day where

252

00:21:46,470 --> 00:21:44,400

it's it's a huge leap forward and like

253

00:21:48,390 --> 00:21:46,480

joe alluded to we're going to continue

254

00:21:49,990 --> 00:21:48,400

progressing and it's really amazing to

255

00:22:19,590 --> 00:21:50,000

be part of this

256

00:22:19,600 --> 00:22:24,630

um