



1
00:01:47,990 --> 00:01:43,830
hi everyone and thanks for continuing to

2
00:01:50,389 --> 00:01:48,000
join us for the uh the flight of crew

3
00:01:52,310 --> 00:01:50,399
one aboard crew dragon on its way to the

4
00:01:54,149 --> 00:01:52,320
international space station we're here

5
00:01:56,230 --> 00:01:54,159
at spacex headquarters in hawthorne

6
00:01:58,630 --> 00:01:56,240
california and we've been monitoring

7
00:02:00,550 --> 00:01:58,640
this mission the entire way since crew

8
00:02:02,230 --> 00:02:00,560
suit up yesterday really

9
00:02:05,429 --> 00:02:02,240
and then the crew lifted off last night

10
00:02:07,510 --> 00:02:05,439
at 7 27 pm eastern time

11
00:02:09,669 --> 00:02:07,520
and coming up very shortly we're going

12
00:02:12,070 --> 00:02:09,679
to get a really special treat

13
00:02:14,790 --> 00:02:12,080

yeah we're going to get to see a live

14

00:02:17,030 --> 00:02:14,800

broadcast of the crew on board

15

00:02:18,390 --> 00:02:17,040

dragon resilience hopefully they'll be

16

00:02:21,910 --> 00:02:18,400

able to get us

17

00:02:23,350 --> 00:02:21,920

a small tour of their resilience vehicle

18

00:02:25,350 --> 00:02:23,360

and also be able to answer some

19

00:02:27,510 --> 00:02:25,360

questions hopefully up there so really

20

00:02:29,510 --> 00:02:27,520

excited to see that i'm really hopeful

21

00:02:30,949 --> 00:02:29,520

that they show us not only around crew

22

00:02:32,630 --> 00:02:30,959

driving but they also tell us their

23

00:02:34,790 --> 00:02:32,640

experience so far

24

00:02:37,030 --> 00:02:34,800

we heard earlier that victor glover has

25

00:02:39,190 --> 00:02:37,040

not stopped smiling since he launched so

26

00:02:41,110 --> 00:02:39,200

i would love to hear more about how

27

00:02:42,790 --> 00:02:41,120

things are going right and i could see

28

00:02:45,830 --> 00:02:42,800

his smile all the way to the

29

00:02:48,949 --> 00:02:45,840

international space station

30

00:02:51,190 --> 00:02:48,959

probably so it's a pretty bright smile

31

00:02:53,190 --> 00:02:51,200

so really excited for that stay tuned

32

00:02:56,309 --> 00:02:53,200

should be coming up here shortly in a

33

00:03:01,910 --> 00:02:59,670

we're currently 152 kilometers away from

34

00:03:04,309 --> 00:03:01,920

station crude dragon is

35

00:03:07,030 --> 00:03:04,319

and we've already had three of the five

36

00:03:09,589 --> 00:03:07,040

major burns take place aboard crew

37

00:03:11,270 --> 00:03:09,599

dragon you can see those demonstrated on

38

00:03:14,070 --> 00:03:11,280

the screen here

39

00:03:16,309 --> 00:03:14,080

the first happened last night about 45

40

00:03:18,550 --> 00:03:16,319

minutes after launch that was the phase

41

00:03:21,270 --> 00:03:18,560

burn and then there was a short phase

42

00:03:23,110 --> 00:03:21,280

adjust burn this morning at 6 50 a.m

43

00:03:25,750 --> 00:03:23,120

pacific time

44

00:03:28,550 --> 00:03:25,760

uh after that was the boost burn that's

45

00:03:30,630 --> 00:03:28,560

that was at 8 22 a.m this morning and

46

00:03:34,390 --> 00:03:30,640

then shortly after the close coal

47

00:03:36,149 --> 00:03:34,400

elliptic burn at 903 a.m pacific time

48

00:03:39,990 --> 00:03:36,159

that's the most recent burn we've had

49

00:03:42,390 --> 00:03:40,000

and that put dragon in a

50

00:03:43,990 --> 00:03:42,400

in a roughly 10 kilometer orbit all the

51

00:03:46,949 --> 00:03:44,000

way around the earth

52

00:03:48,789 --> 00:03:46,959

it's called a coaliptic orbit so next

53

00:03:50,789 --> 00:03:48,799

couple of burns coming up are the

54

00:03:53,589 --> 00:03:50,799

transfer burn and the final coaliptic

55

00:03:56,470 --> 00:03:53,599

burn and that will complete the

56

00:03:58,309 --> 00:03:56,480

rendezvous phase for us

57

00:04:01,830 --> 00:03:58,319

and those burns are coming up in about

58

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

an hour from now

59

00:04:06,070 --> 00:04:03,760

we're just standing by waiting for those

60

00:04:08,869 --> 00:04:06,080

views from crew dragon we expect them to

61

00:04:10,869 --> 00:04:08,879

be using the floater camera which is not

62

00:04:12,550 --> 00:04:10,879

a fixed camera inside crew dragon it

63

00:04:15,270 --> 00:04:12,560

gives them a little more flexibility to

64

00:04:17,270 --> 00:04:15,280

get out of their seats dragon spacex we

65

00:04:22,790 --> 00:04:17,280

see good video are you ready for the

66

00:04:22,800 --> 00:04:27,110

resilience is ready for the event

67

00:04:31,110 --> 00:04:29,189

poppy we go

68

00:04:33,510 --> 00:04:31,120

okay everyone

69

00:04:35,830 --> 00:04:33,520

good morning good afternoon good evening

70

00:04:37,749 --> 00:04:35,840

and welcome on board crew dragon

71

00:04:40,150 --> 00:04:37,759

resilience

72

00:04:41,990 --> 00:04:40,160

victor shannon suici and i are very

73

00:04:43,830 --> 00:04:42,000

pleased to welcome you on board as we

74

00:04:45,350 --> 00:04:43,840

journey to the international space

75

00:04:46,710 --> 00:04:45,360

station

76

00:04:50,230 --> 00:04:46,720

currently we're going to give you just a

77

00:04:51,430 --> 00:04:50,240

little bit of a tour of our home

78

00:04:53,990 --> 00:04:51,440

for the next

79

00:04:56,469 --> 00:04:54,000

few hours as well and so starting i'm

80

00:04:58,070 --> 00:04:56,479

sitting here in the cockpit or the

81

00:04:59,830 --> 00:04:58,080

bridge if you will

82

00:05:01,749 --> 00:04:59,840

so this is where we are for launch and

83

00:05:03,909 --> 00:05:01,759

for landing as well as when we get ready

84

00:05:05,909 --> 00:05:03,919

for docking if you take a quick look

85

00:05:08,230 --> 00:05:05,919

here you can see we've got

86

00:05:10,150 --> 00:05:08,240

three primary displays that will touch

87

00:05:11,430 --> 00:05:10,160

screen displays that we use to control

88

00:05:13,590 --> 00:05:11,440

resilience

89

00:05:16,550 --> 00:05:13,600

and so we can bring up our procedures we

90

00:05:20,070 --> 00:05:16,560

can bring up maps that show where we are

91

00:05:21,830 --> 00:05:20,080

over uh over the earth and it's actually

92

00:05:23,510 --> 00:05:21,840

quite nice to touch the touch screens

93

00:05:26,230 --> 00:05:23,520

that we have here for controlling

94

00:05:28,230 --> 00:05:26,240

resilience we also have some backup

95

00:05:29,990 --> 00:05:28,240

controls here buttons so that if

96

00:05:31,590 --> 00:05:30,000

anything should happen to these displays

97

00:05:33,590 --> 00:05:31,600

we still have some of the critical

98

00:05:35,909 --> 00:05:33,600

functionality that we can

99

00:05:38,950 --> 00:05:35,919

we can accomplish with these these

100

00:05:41,270 --> 00:05:38,960

buttons that you see here so that's

101
00:05:43,189 --> 00:05:41,280
that's pretty much it here in the in the

102
00:05:53,029 --> 00:05:43,199
cockpit and so now

103
00:05:57,189 --> 00:05:55,029
hello everyone

104
00:05:59,029 --> 00:05:57,199
victor here baby yoda and i wanted to

105
00:06:00,070 --> 00:05:59,039
talk to you a little bit about the uh

106
00:06:02,469 --> 00:06:00,080
hatches

107
00:06:04,830 --> 00:06:02,479
just about 24 hours ago we entered

108
00:06:06,790 --> 00:06:04,840
resilience through this side hatch

109
00:06:08,629 --> 00:06:06,800
and

110
00:06:10,230 --> 00:06:08,639
open that hatch again until we are

111
00:06:11,749 --> 00:06:10,240
safely

112
00:06:14,309 --> 00:06:11,759
splashed down in the ocean and the

113
00:06:15,749 --> 00:06:14,319

recovery forces are bringing us aboard

114

00:06:16,870 --> 00:06:15,759

the ship and taking us out of the

115

00:06:19,110 --> 00:06:16,880

capsule

116

00:06:20,550 --> 00:06:19,120

so when we dock to station we will

117

00:06:23,110 --> 00:06:20,560

actually leave

118

00:06:25,909 --> 00:06:23,120

and go into iss through the forward

119

00:06:28,629 --> 00:06:25,919

hatch which is uh up here

120

00:06:30,629 --> 00:06:28,639

and it's based on the body axis of the

121

00:06:33,830 --> 00:06:30,639

spacecraft so the nose cone opens

122

00:06:36,309 --> 00:06:33,840

forward and and you can go into station

123

00:06:37,830 --> 00:06:36,319

in that direction

124

00:07:08,150 --> 00:06:37,840

at this time i'm going to hand you off

125

00:07:14,950 --> 00:07:09,589

and suichi for awareness we're not

126

00:07:21,270 --> 00:07:18,309

i'm sorry hey uh uh good evening and the

127

00:07:24,230 --> 00:07:21,280

konbanwa this is soichinoguchi i'm not

128

00:07:27,270 --> 00:07:24,240

talking through the lower tier of the

129

00:07:30,550 --> 00:07:27,280

capsule many people see the seat but

130

00:07:32,950 --> 00:07:30,560

dragon capsule has amazing vast area of

131

00:07:35,029 --> 00:07:32,960

storage and i'm now

132

00:07:37,990 --> 00:07:35,039

sitting over the uh

133

00:07:39,749 --> 00:07:38,000

mid deck lockers and this is quite a

134

00:07:42,150 --> 00:07:39,759

room here there might be some other

135

00:07:45,510 --> 00:07:42,160

creatures kind of slowly

136

00:07:48,469 --> 00:07:45,520

coming through you and this is also a

137

00:07:51,430 --> 00:07:48,479

very important uh stuff but this is the

138

00:07:53,589 --> 00:07:51,440

storage area for the eva equipment for

139

00:07:56,550 --> 00:07:53,599

for us when we go up and this is

140

00:07:59,110 --> 00:07:56,560

actually powered payload and it is now

141

00:08:01,270 --> 00:07:59,120

powered and it's like a refrigerator

142

00:08:03,510 --> 00:08:01,280

which holds ice cream no no no uh

143

00:08:04,790 --> 00:08:03,520

science material science material for

144

00:08:07,110 --> 00:08:04,800

the iss

145

00:08:09,990 --> 00:08:07,120

okay that's the vast

146

00:08:19,430 --> 00:08:10,000

storage area underneath our seat now i'm

147

00:08:23,990 --> 00:08:21,670

all right thank you suici

148

00:08:26,309 --> 00:08:24,000

as you can see with the four of us in

149

00:08:28,550 --> 00:08:26,319

this dragon capsule is quite a bit more

150

00:08:30,550 --> 00:08:28,560

crowded than it is was with just doug

151
00:08:32,630 --> 00:08:30,560
and bob and so i thought i would show

152
00:08:35,589 --> 00:08:32,640
you some of what it's like to actually

153
00:08:39,190 --> 00:08:35,599
live on a spacecraft like this you'll

154
00:08:41,190 --> 00:08:39,200
see that we actually have um bags stowed

155
00:08:43,029 --> 00:08:41,200
all over the place and this is for a

156
00:08:44,870 --> 00:08:43,039
number of reasons

157
00:08:47,430 --> 00:08:44,880
you can pan over here soichi you will

158
00:08:49,750 --> 00:08:47,440
see up here we actually have some bags

159
00:08:52,790 --> 00:08:49,760
full of our emergency equipment and

160
00:08:54,630 --> 00:08:52,800
we've got bags that hold our

161
00:08:56,630 --> 00:08:54,640
supplies such as the shirts and pants

162
00:08:57,670 --> 00:08:56,640
that we are wearing now came up in these

163
00:08:59,829 --> 00:08:57,680

bags

164

00:09:00,710 --> 00:08:59,839

um you will also see that we've got

165

00:09:03,110 --> 00:09:00,720

things

166

00:09:04,470 --> 00:09:03,120

such as food and water stashed around

167

00:09:05,990 --> 00:09:04,480

because every once in a while we like to

168

00:09:08,470 --> 00:09:06,000

have a snack a little bit later on i'm

169

00:09:10,070 --> 00:09:08,480

going to have some trail mix

170

00:09:12,630 --> 00:09:10,080

these are the water bottles that we have

171

00:09:14,870 --> 00:09:12,640

to drink out of you can see it can be a

172

00:09:16,070 --> 00:09:14,880

little bit challenging because there is

173

00:09:18,230 --> 00:09:16,080

pulls out

174

00:09:20,470 --> 00:09:18,240

this little tour of

175

00:09:22,870 --> 00:09:20,480

dragon resilience here with something

176

00:09:25,350 --> 00:09:22,880

very very special actually

177

00:09:27,269 --> 00:09:25,360

this is something that is a tradition

178

00:09:28,310 --> 00:09:27,279

within the uh within the astronaut

179

00:09:30,550 --> 00:09:28,320

office

180

00:09:31,509 --> 00:09:30,560

and just to give you a little history on

181

00:09:33,269 --> 00:09:31,519

it so

182

00:09:34,550 --> 00:09:33,279

when you first are selected as an

183

00:09:37,110 --> 00:09:34,560

astronaut

184

00:09:38,790 --> 00:09:37,120

and you come in for your basic training

185

00:09:41,110 --> 00:09:38,800

you go through about two years of

186

00:09:43,590 --> 00:09:41,120

training to become an astronaut and then

187

00:09:46,470 --> 00:09:43,600

once that is complete and you graduate

188

00:09:47,750 --> 00:09:46,480

we give um each uh each candidate now

189

00:09:49,430 --> 00:09:47,760

becomes an astronaut but they're an

190

00:09:50,470 --> 00:09:49,440

unflown astronaut and they get a silver

191

00:09:52,389 --> 00:09:50,480

pin

192

00:09:54,870 --> 00:09:52,399

but once you've passed

193

00:09:57,590 --> 00:09:54,880

that hundred kilometer mark

194

00:09:58,630 --> 00:09:57,600

you then get a gold pin and we have one

195

00:09:59,990 --> 00:09:58,640

member

196

00:10:02,710 --> 00:10:00,000

of our crew

197

00:10:05,030 --> 00:10:02,720

who does not have the appropriate

198

00:10:05,829 --> 00:10:05,040

accoutrement for his uniform and so it's

199

00:10:08,230 --> 00:10:05,839

work

200

00:10:12,470 --> 00:10:08,240

to be able to give victor glover

201
00:10:15,350 --> 00:10:12,480
his gold astronaut pin for passing

202
00:10:16,389 --> 00:10:15,360
100 kilometers congratulations thank you

203
00:10:19,350 --> 00:10:16,399
thank you

204
00:10:24,389 --> 00:10:22,310
again uh thanks everyone for coming out

205
00:10:25,829 --> 00:10:24,399
uh this is uh just an unbelievable

206
00:10:27,910 --> 00:10:25,839
experience uh

207
00:10:29,910 --> 00:10:27,920
it has been fantastic so far and we're

208
00:10:32,630 --> 00:10:29,920
looking forward you know we're about 21

209
00:10:35,269 --> 00:10:32,640
hours into a six month mission

210
00:10:37,430 --> 00:10:35,279
and so we are we are very excited for us

211
00:10:39,829 --> 00:10:37,440
and uh and i think i'm just going to

212
00:10:43,269 --> 00:10:39,839
close it with all for one

213
00:10:43,279 --> 00:10:47,910

bye everyone

214

00:10:51,910 --> 00:10:50,150

hopper thank you so much and actually

215

00:10:53,590 --> 00:10:51,920

thanks to the entire resilience crew for

216

00:10:56,310 --> 00:10:53,600

that amazing tour

217

00:10:58,470 --> 00:10:56,320

and great event congratulations victor

218

00:11:05,910 --> 00:10:58,480

uh you must be so excited

219

00:11:10,230 --> 00:11:08,150

thank you all right we caught the uh jay

220

00:11:11,430 --> 00:11:10,240

that was a lot of fun thank you for uh

221

00:11:16,069 --> 00:11:11,440

letting us

222

00:11:20,630 --> 00:11:18,389

and you can see victor glover has still

223

00:11:22,710 --> 00:11:20,640

not stopped smiling and honestly neither

224

00:11:24,470 --> 00:11:22,720

have i watching that tour of crude

225

00:11:27,670 --> 00:11:24,480

dragon

226

00:11:30,069 --> 00:11:27,680

yeah and he got his official gold pin

227

00:11:32,550 --> 00:11:30,079

for passing a hundred kilometers that

228

00:11:33,990 --> 00:11:32,560

must be amazing we mentioned earlier

229

00:11:36,550 --> 00:11:34,000

today

230

00:11:39,030 --> 00:11:36,560

that he did know that specific number of

231

00:11:41,670 --> 00:11:39,040

the height he had reached now he is out

232

00:11:43,430 --> 00:11:41,680

in space with the crew one team

233

00:11:46,389 --> 00:11:43,440

you can tell that this crew

234

00:11:48,790 --> 00:11:46,399

really have bonded over the last uh last

235

00:11:51,350 --> 00:11:48,800

several months training together

236

00:11:53,350 --> 00:11:51,360

and victor really proud of his new pin

237

00:11:54,389 --> 00:11:53,360

i'm so excited for him his first trip to

238

00:11:57,030 --> 00:11:54,399

space

239

00:11:59,670 --> 00:11:57,040

but a really interesting tour of crew

240

00:12:01,829 --> 00:11:59,680

dragon obviously commander mike hopkins

241

00:12:03,030 --> 00:12:01,839

showed us the seats uh that they

242

00:12:04,470 --> 00:12:03,040

launched in and he mentioned you know

243

00:12:07,670 --> 00:12:04,480

we've seen some really great views of

244

00:12:09,829 --> 00:12:07,680

that but uh so we just showed us what's

245

00:12:12,389 --> 00:12:09,839

underneath the seats yeah and we got a

246

00:12:14,470 --> 00:12:12,399

good glimpse at that storage and so he

247

00:12:17,509 --> 00:12:14,480

mentioned there was a fridge

248

00:12:19,509 --> 00:12:17,519

not for ice cream but it is a fridge

249

00:12:21,990 --> 00:12:19,519

that helps us stow

250

00:12:24,790 --> 00:12:22,000

science samples and experiments going to

251
00:12:27,110 --> 00:12:24,800
and from the international space station

252
00:12:29,509 --> 00:12:27,120
and then uh shannon walker showing us

253
00:12:30,470 --> 00:12:29,519
some of those snacks it's relatable to

254
00:12:32,389 --> 00:12:30,480
me

255
00:12:35,110 --> 00:12:32,399
yeah and actually it was really cool to

256
00:12:36,389 --> 00:12:35,120
get this kind of a tour because for the

257
00:12:38,470 --> 00:12:36,399
most part we've been seeing them in

258
00:12:41,269 --> 00:12:38,480
their seats it almost makes dragon look

259
00:12:43,670 --> 00:12:41,279
so small but with suici underneath where

260
00:12:45,990 --> 00:12:43,680
the cargo goes you can really see how

261
00:12:47,590 --> 00:12:46,000
large that cabin really is

262
00:12:50,150 --> 00:12:47,600
and even though there is four people in

263
00:12:52,150 --> 00:12:50,160

there does you know that they don't have

264

00:12:54,069 --> 00:12:52,160

tons of room but it is pretty spacious

265

00:12:55,910 --> 00:12:54,079

enough for them to be able to maneuver

266

00:12:58,310 --> 00:12:55,920

around yeah and you could tell victor

267

00:12:59,750 --> 00:12:58,320

was uh it looked like standing up you

268

00:13:02,870 --> 00:12:59,760

know he's in space so he's not standing

269

00:13:05,269 --> 00:13:02,880

up but he uh he was able to fully

270

00:13:06,870 --> 00:13:05,279

stand in the vehicle and still have

271

00:13:09,030 --> 00:13:06,880

plenty of room and i think he's a pretty

272

00:13:11,269 --> 00:13:09,040

tall guy yeah so it does look pretty

273

00:13:12,629 --> 00:13:11,279

roomy in there and uh as they mentioned

274

00:13:16,389 --> 00:13:12,639

things are still going well on their

275

00:13:23,750 --> 00:13:16,399

journey this is dragon for timeline

276

00:13:27,910 --> 00:13:26,310

aj just wanted to confirm with you that

277

00:13:29,670 --> 00:13:27,920

we don't have any other planned

278

00:13:31,590 --> 00:13:29,680

activities that need the floater camera

279

00:13:33,590 --> 00:13:31,600

and so we might go ahead and start doing

280

00:13:34,390 --> 00:13:33,600

some cleanup in here around the cockpit

281

00:13:35,590 --> 00:13:34,400

getting ready for

282

00:13:37,750 --> 00:13:35,600

[Music]

283

00:13:48,949 --> 00:13:37,760

approach