



1
00:00:39,360 --> 00:00:49,950
hmm

2
00:01:05,350 --> 00:00:54,830
drifting with a current down a

3
00:01:05,360 --> 00:01:38,429
glee

4
00:01:38,439 --> 00:01:50,910
dreaming of a pair of

5
00:01:57,429 --> 00:01:52,830
eyes in

6
00:01:57,439 --> 00:02:11,670
visions

7
00:02:15,430 --> 00:02:13,990
good morning discovery and we thought

8
00:02:18,070 --> 00:02:15,440
you'd like this

9
00:02:23,589 --> 00:02:18,080
piece about ohio senator john glenn

10
00:04:25,749 --> 00:02:27,030
uh good morning houston uh yeah it takes

11
00:04:29,909 --> 00:04:27,990
we're now receiving live television from

12
00:04:38,870 --> 00:04:29,919
discovery's cameras discovery houston on

13
00:04:43,350 --> 00:04:40,469

this view from a camera that's mounted

14

00:04:51,189 --> 00:04:43,360

in the forward

15

00:04:55,670 --> 00:04:53,909

discovery houston we're getting a superb

16

00:04:56,870 --> 00:04:55,680

picture from the payload bay and i can

17

00:04:59,270 --> 00:04:56,880

see the storm

18

00:05:07,990 --> 00:04:59,280

just coming into view i envy your view

19

00:05:13,029 --> 00:05:10,870

in this view of tropical storm chantal

20

00:05:15,189 --> 00:05:13,039

maximum winds now about 51 miles per

21

00:05:16,870 --> 00:05:15,199

hour as it

22

00:05:21,270 --> 00:05:16,880

moves to the north northwest in the

23

00:05:21,280 --> 00:06:19,350

well to the north of puerto rico

24

00:06:22,950 --> 00:06:21,029

this is mission control houston this

25

00:06:25,110 --> 00:06:22,960

television view from discoveries of

26

00:06:28,150 --> 00:06:25,120

tropical storm chantal

27

00:06:30,070 --> 00:06:28,160

again in the atlantic

28

00:06:34,230 --> 00:06:30,080

well north of puerto rico on a course

29

00:06:36,469 --> 00:06:34,240

that will take it to north northwest

30

00:06:38,710 --> 00:06:36,479

currently a chantal as a tropical storm

31

00:06:40,629 --> 00:06:38,720

has winds of about 51 miles per hour and

32

00:07:29,350 --> 00:06:40,639

it's moving on its uh north northwest

33

00:07:33,589 --> 00:07:32,390

okay and we're ready on the midtech

34

00:07:36,070 --> 00:07:33,599

we're ready to come aboard when you're

35

00:07:36,080 --> 00:07:44,469

we're ready for you

36

00:07:49,670 --> 00:07:46,390

discovery houston three smiling faces

37

00:07:55,909 --> 00:07:51,830

and we have a good frame and a good uh

38

00:08:00,230 --> 00:07:57,670

discovery are you ready for the event on

39

00:08:04,950 --> 00:08:03,189

we are ready tom

40

00:08:07,350 --> 00:08:04,960

maddie montford this is houston please

41

00:08:09,270 --> 00:08:07,360

call discovery for a voice check

42

00:08:12,629 --> 00:08:09,280

hello how are you nancy don and mary

43

00:08:15,909 --> 00:08:14,230

good morning how are you

44

00:08:17,670 --> 00:08:15,919

doing just fine before we get started

45

00:08:20,150 --> 00:08:17,680

let me just tell you that the show that

46

00:08:22,309 --> 00:08:20,160

we we do we cater more to moms and

47

00:08:23,430 --> 00:08:22,319

children so when you speak about what

48

00:08:25,670 --> 00:08:23,440

you do

49

00:08:29,670 --> 00:08:25,680

as simple in a simple terms as possible

50

00:08:34,389 --> 00:08:31,430

okay wonderful so we'll just get started

51
00:08:36,389 --> 00:08:34,399
i'm going to intro you right now

52
00:08:38,310 --> 00:08:36,399
we are speaking with nancy curry don

53
00:08:39,829 --> 00:08:38,320
thomas and mary ellen weber they are on

54
00:08:42,389 --> 00:08:39,839
the sts

55
00:08:43,750 --> 00:08:42,399
mission on the space shuttle discovery

56
00:08:46,150 --> 00:08:43,760
they are on the mid deck and they're

57
00:08:50,070 --> 00:08:46,160
ready to speak to us right now hello and

58
00:08:53,910 --> 00:08:52,470
thank you for allowing us to come down

59
00:08:56,389 --> 00:08:53,920
and be with you this morning we're just

60
00:08:58,870 --> 00:08:56,399
having a wonderful time after our launch

61
00:09:01,430 --> 00:08:58,880
uh two days ago from the kennedy space

62
00:09:03,269 --> 00:09:01,440
center we had just a spectacular launch

63
00:09:05,350 --> 00:09:03,279

we had the deployment of the tracking

64

00:09:07,190 --> 00:09:05,360

and data relay communication satellite

65

00:09:09,110 --> 00:09:07,200

on our first day and we've just

66

00:09:10,389 --> 00:09:09,120

been having a very successful mission up

67

00:09:12,150 --> 00:09:10,399

to this point

68

00:09:15,030 --> 00:09:12,160

now we were originally going to speak to

69

00:09:16,710 --> 00:09:15,040

you a few weeks back and of course that

70

00:09:37,110 --> 00:09:16,720

mission was delayed can you give us a

71

00:09:47,829 --> 00:09:39,350

discovery houston we're not getting done

72

00:09:52,949 --> 00:09:50,550

okay do i ask the question again may i

73

00:09:55,190 --> 00:09:52,959

ask the question again

74

00:09:56,949 --> 00:09:55,200

discovery uh that last question did not

75

00:10:01,829 --> 00:09:56,959

come down so would you give the answer

76

00:10:05,750 --> 00:10:03,750

yeah basically the reason for our uh

77

00:10:08,150 --> 00:10:05,760

delay of one month was because of a

78

00:10:10,070 --> 00:10:08,160

woodpecker there were two woodpeckers

79

00:10:12,150 --> 00:10:10,080

that were poking holes in our external

80

00:10:14,949 --> 00:10:12,160

tank they made a number of holes about

81

00:10:17,269 --> 00:10:14,959

197 of them we had a roll back to the

82

00:10:20,230 --> 00:10:17,279

vehicle assembly building to patch the

83

00:10:21,990 --> 00:10:20,240

holes and we rolled back out to the pad

84

00:10:23,750 --> 00:10:22,000

launched about a month late but here we

85

00:10:26,470 --> 00:10:23,760

are successfully on orbit

86

00:10:28,870 --> 00:10:26,480

did that make you any more nervous to go

87

00:10:35,190 --> 00:10:28,880

up in space than you probably already

88

00:10:38,470 --> 00:10:36,630

uh no i don't think so we've been

89

00:10:40,710 --> 00:10:38,480

training very hard for this mission for

90

00:10:42,630 --> 00:10:40,720

about a year and we're ready and

91

00:10:43,910 --> 00:10:42,640

it's part of the business sometimes

92

00:10:45,509 --> 00:10:43,920

sometimes weather's going to get in your

93

00:10:47,190 --> 00:10:45,519

way and sometimes it might be

94

00:10:48,949 --> 00:10:47,200

woodpeckers or

95

00:10:50,630 --> 00:10:48,959

sometimes it might just be equipment

96

00:10:52,710 --> 00:10:50,640

failures but

97

00:10:54,310 --> 00:10:52,720

you know we believe our space program is

98

00:10:56,470 --> 00:10:54,320

really safe and

99

00:10:58,470 --> 00:10:56,480

we were ready to go

100

00:11:00,389 --> 00:10:58,480

all three of you right now are on the

101
00:11:05,670 --> 00:11:00,399
mid-deck of the aircraft can you tell us

102
00:11:09,670 --> 00:11:07,430
basically the mid-back is part of where

103
00:11:12,310 --> 00:11:09,680
we work and where we sleep and when

104
00:11:15,750 --> 00:11:12,320
where we eat and also where we exercise

105
00:11:17,269 --> 00:11:15,760
we have a uh bicycle which does not have

106
00:11:19,670 --> 00:11:17,279
a seat on it because we don't need one

107
00:11:22,310 --> 00:11:19,680
in zero g just have a seat back on it

108
00:11:24,710 --> 00:11:22,320
and we exercise uh at least once a day

109
00:11:26,630 --> 00:11:24,720
on orbit but we have a whole variety of

110
00:11:28,470 --> 00:11:26,640
experiments we've been keeping very very

111
00:11:30,550 --> 00:11:28,480
busy

112
00:11:31,829 --> 00:11:30,560
and we also have several experiments

113
00:11:34,069 --> 00:11:31,839

that we're running from the flight deck

114

00:11:35,430 --> 00:11:34,079

most of those are camera oriented and

115

00:11:36,790 --> 00:11:35,440

are taking up most of the windows on the

116

00:11:38,470 --> 00:11:36,800

flight deck

117

00:11:41,190 --> 00:11:38,480

now people are interested in your

118

00:11:42,790 --> 00:11:41,200

day-to-day activities on board the

119

00:11:47,509 --> 00:11:42,800

shuttle discovery

120

00:11:50,470 --> 00:11:48,550

oh there's

121

00:11:51,670 --> 00:11:50,480

well this morning i had rice krispies

122

00:11:55,350 --> 00:11:51,680

for breakfast

123

00:11:56,949 --> 00:11:55,360

and for lunch i had some barbecued beef

124

00:11:59,910 --> 00:11:56,959

and a tortilla

125

00:11:59,920 --> 00:12:03,350

is it good

126

00:12:06,230 --> 00:12:04,630

it's actually pretty good what i'm

127

00:12:07,509 --> 00:12:06,240

holding here is some shrimp cocktail

128

00:12:08,790 --> 00:12:07,519

that we just mixed with a little bit of

129

00:12:12,310 --> 00:12:08,800

cold water and that's one of our

130

00:12:17,110 --> 00:12:14,629

and i'm holding some chocolate instant

131

00:12:18,389 --> 00:12:17,120

breakfast which i had this morning and

132

00:12:21,269 --> 00:12:18,399

it's actually very good and we all get

133

00:12:22,790 --> 00:12:21,279

to select our menu yeah we got to speak

134

00:12:24,790 --> 00:12:22,800

with

135

00:12:26,790 --> 00:12:24,800

most of your family members this morning

136

00:12:28,470 --> 00:12:26,800

and aside from

137

00:12:38,150 --> 00:12:28,480

missing them what is the thing that you

138

00:12:41,509 --> 00:12:39,350

well you hit the nail on the head the

139

00:12:42,790 --> 00:12:41,519

thing we do miss most is our families

140

00:12:44,470 --> 00:12:42,800

back on earth

141

00:12:45,910 --> 00:12:44,480

other than that it's you know getting

142

00:12:47,350 --> 00:12:45,920

out and being able to take a walk around

143

00:12:49,910 --> 00:12:47,360

the neighborhood enjoying the you know

144

00:12:51,350 --> 00:12:49,920

fresh air and a cool breeze in your face

145

00:12:53,750 --> 00:12:51,360

but to make up for that we got a

146

00:12:55,750 --> 00:12:53,760

spectacular view out the window here yes

147

00:12:59,750 --> 00:12:55,760

can we take a look at where you're

148

00:13:01,350 --> 00:12:59,760

flying over right now is that possible

149

00:13:03,829 --> 00:13:01,360

that we're gonna uh

150

00:13:05,590 --> 00:13:03,839

it's a little bit of uh what you what

151
00:13:06,949 --> 00:13:05,600
you can see from the shuttle

152
00:13:08,150 --> 00:13:06,959
as we speak

153
00:13:09,509 --> 00:13:08,160
we're currently we're in the middle of a

154
00:13:12,629 --> 00:13:09,519
night pass

155
00:13:15,430 --> 00:13:12,639
over southeast asia just going over

156
00:13:16,790 --> 00:13:15,440
approximately indonesia

157
00:13:19,190 --> 00:13:16,800
i'm not sure you'll be able to see much

158
00:13:22,150 --> 00:13:19,200
out of our payload bay cameras

159
00:13:27,990 --> 00:13:22,160
it's it's dark but we can get a sense

160
00:13:32,870 --> 00:13:30,870
most of our flight we fly facing with

161
00:13:34,310 --> 00:13:32,880
our payload bay facing the earth so as

162
00:13:36,069 --> 00:13:34,320
we look at the overhead windows of the

163
00:13:37,509 --> 00:13:36,079

shuttle we're looking down at the earth

164

00:13:39,910 --> 00:13:37,519

uh however last night we were flying

165

00:13:41,430 --> 00:13:39,920

with the nose of the orbiter down

166

00:13:43,509 --> 00:13:41,440

and uh so we were actually looking at

167

00:13:45,190 --> 00:13:43,519

the forward windows of the orbiter down

168

00:13:47,110 --> 00:13:45,200

at the earth and for the first time i

169

00:13:48,790 --> 00:13:47,120

think some of us got the sensation of

170

00:13:49,829 --> 00:13:48,800

falling towards the earth that was quite

171

00:13:54,710 --> 00:13:49,839

interesting

172

00:13:58,550 --> 00:13:57,030

well basically uh you know floating here

173

00:13:59,990 --> 00:13:58,560

in zero gravity you feel quite

174

00:14:01,910 --> 00:14:00,000

comfortable from the time the main

175

00:14:03,670 --> 00:14:01,920

engine's cut off you let go you just

176

00:14:06,389 --> 00:14:03,680

float around as long as you don't get a

177

00:14:08,069 --> 00:14:06,399

raid on yourself

178

00:14:09,750 --> 00:14:08,079

this is a question for nancy and

179

00:14:15,110 --> 00:14:09,760

madeline maybe you're the best to answer

180

00:14:15,120 --> 00:14:19,910

day on space is a bad hair day

181

00:14:23,590 --> 00:14:21,590

do you know that as i've spent a couple

182

00:14:26,310 --> 00:14:23,600

of days here at nasa i've just been so

183

00:14:29,110 --> 00:14:26,320

impressed by what a great personality

184

00:14:31,189 --> 00:14:29,120

the astronauts that i've spoken to

185

00:14:33,110 --> 00:14:31,199

have aside from your technical skills

186

00:14:35,350 --> 00:14:33,120

and the academics that you must know to

187

00:14:37,910 --> 00:14:35,360

get to where you are is personality a

188

00:14:41,670 --> 00:14:37,920

big big part of you getting where you

189

00:14:45,110 --> 00:14:43,590

well we would like to think so of course

190

00:14:47,430 --> 00:14:45,120

but

191

00:14:49,269 --> 00:14:47,440

the selection a large part of it is

192

00:14:51,110 --> 00:14:49,279

based on a one-hour interview with the

193

00:14:53,750 --> 00:14:51,120

selection committee and they hold their

194

00:14:55,590 --> 00:14:53,760

cards pretty close and they tend not to

195

00:14:58,710 --> 00:14:55,600

talk about what exactly they're looking

196

00:15:01,430 --> 00:14:58,720

for in the personalities but certainly

197

00:15:02,949 --> 00:15:01,440

uh being able to take the initiative and

198

00:15:04,949 --> 00:15:02,959

demonstrating that you can work with

199

00:15:06,550 --> 00:15:04,959

others and things like that uh you know

200

00:15:07,670 --> 00:15:06,560

we have to believe that that does come

201
00:15:09,509 --> 00:15:07,680
into play

202
00:15:12,470 --> 00:15:09,519
now mary ellen i know you're adventurous

203
00:15:15,670 --> 00:15:12,480
as well you're a competitive skydiver

204
00:15:18,230 --> 00:15:15,680
with 1900 jumps under your belt

205
00:15:21,990 --> 00:15:18,240
does that thrill compared to the one

206
00:15:26,069 --> 00:15:23,829
well i have to say no

207
00:15:28,069 --> 00:15:26,079
it's uh this is pretty awesome this is

208
00:15:31,350 --> 00:15:28,079
really pretty remarkable

209
00:15:33,110 --> 00:15:31,360
although i really do enjoy jumping

210
00:15:35,829 --> 00:15:33,120
now what do you do for fun you said you

211
00:15:37,910 --> 00:15:35,839
have you have some time to exercise but

212
00:15:42,310 --> 00:15:37,920
other than that what is your your off

213
00:15:46,870 --> 00:15:44,069

we really haven't had a whole lot of off

214

00:15:49,110 --> 00:15:46,880

time this far in the mission and so i

215

00:15:51,189 --> 00:15:49,120

think every possible opportunity that we

216

00:15:53,269 --> 00:15:51,199

have particularly during meal times

217

00:15:54,870 --> 00:15:53,279

you'll find five noses pressed up

218

00:15:56,629 --> 00:15:54,880

against the window looking at the most

219

00:15:57,990 --> 00:15:56,639

spectacular view we'll ever see in our

220

00:16:01,110 --> 00:15:58,000

lives

221

00:16:03,030 --> 00:16:01,120

yes now um nancy we got a chance to

222

00:16:04,870 --> 00:16:03,040

speak with your eight-year-old daughter

223

00:16:07,430 --> 00:16:04,880

this morning stephanie

224

00:16:09,350 --> 00:16:07,440

was on our show last fall when mike my

225

00:16:10,949 --> 00:16:09,360

co-host interviewed you

226
00:16:14,389 --> 00:16:10,959
and she said to me that she would love

227
00:16:20,310 --> 00:16:14,399
to see herself and and your dog auggie

228
00:16:20,320 --> 00:16:26,790
we don't like

229
00:16:31,110 --> 00:16:28,870
now what are some of the fun things that

230
00:16:33,990 --> 00:16:31,120
you all do in weightlessness i mean

231
00:16:37,990 --> 00:16:34,000
right now obviously you are hanging on

232
00:16:40,710 --> 00:16:39,269
okay let us give you a short

233
00:16:42,710 --> 00:16:40,720
demonstration of something we were

234
00:16:45,110 --> 00:16:42,720
showing a couple of the new guys last

235
00:16:46,069 --> 00:16:45,120
night it will take just seconds

236
00:17:03,670 --> 00:16:46,079
oh

237
00:17:08,549 --> 00:17:05,909
nancy was spinning almost as much as the

238
00:17:09,990 --> 00:17:08,559

m m's are that uh been released inside

239

00:17:14,549 --> 00:17:10,000

here

240

00:17:18,549 --> 00:17:16,309

um

241

00:17:20,710 --> 00:17:18,559

wonderful now if you all had a chance to

242

00:17:22,390 --> 00:17:20,720

live up in the space station

243

00:17:24,150 --> 00:17:22,400

for a year where you wouldn't be able to

244

00:17:25,429 --> 00:17:24,160

see your husbands and your children and

245

00:17:32,549 --> 00:17:25,439

your wives

246

00:17:36,230 --> 00:17:34,870

that's a great question uh i sure would

247

00:17:37,990 --> 00:17:36,240

like to bring them along if we could do

248

00:17:39,510 --> 00:17:38,000

that and hopefully one day in the future

249

00:17:45,190 --> 00:17:39,520

we'll be able to bring our families

250

00:17:45,200 --> 00:17:50,470

mary ellen did you want to answer that

251

00:17:55,590 --> 00:17:53,270

i know i agree i would go uh i would

252

00:17:57,510 --> 00:17:55,600

certainly go on the space station

253

00:17:59,110 --> 00:17:57,520

and uh you know with or without my

254

00:18:02,150 --> 00:17:59,120

family but i would certainly rather have

255

00:18:05,990 --> 00:18:03,990

tell me a little bit about

256

00:18:08,150 --> 00:18:06,000

in the simplest of terms what your

257

00:18:11,909 --> 00:18:08,160

responsibilities are aboard the

258

00:18:15,909 --> 00:18:13,990

my particular responsibilities are

259

00:18:17,510 --> 00:18:15,919

mission specialists too all three of us

260

00:18:18,950 --> 00:18:17,520

are mission specialists

261

00:18:20,630 --> 00:18:18,960

mission specialist students a flight

262

00:18:22,789 --> 00:18:20,640

engineer on the flight so i was sitting

263

00:18:25,110 --> 00:18:22,799

center seat between tom hendricks the

264

00:18:26,870 --> 00:18:25,120

commander and kevin cradle the pilot all

265

00:18:29,190 --> 00:18:26,880

the way during the ascent and dom was

266

00:18:30,950 --> 00:18:29,200

sitting to my right and it was uh it was

267

00:18:32,710 --> 00:18:30,960

really spectacular don and i both had

268

00:18:34,150 --> 00:18:32,720

out mirrors so that when the mid engines

269

00:18:37,110 --> 00:18:34,160

lit we could actually see some of the

270

00:18:39,350 --> 00:18:37,120

flames as we rolled heads down we could

271

00:18:41,270 --> 00:18:39,360

see the earth start to go by and uh and

272

00:18:42,789 --> 00:18:41,280

then of course all of our concentration

273

00:18:45,350 --> 00:18:42,799

was on the forward portion of the

274

00:18:49,110 --> 00:18:45,360

cockpit monitoring all our instruments

275

00:18:53,430 --> 00:18:51,110

my main responsibility was deploying the

276

00:18:55,190 --> 00:18:53,440

tdrs satellite our tracking and data

277

00:18:57,430 --> 00:18:55,200

relay satellite that we deployed on day

278

00:18:59,190 --> 00:18:57,440

one in addition to that i'm responsible

279

00:19:00,549 --> 00:18:59,200

for a number of the smaller mid deck

280

00:19:03,029 --> 00:19:00,559

experiments that were flying in this

281

00:19:04,230 --> 00:19:03,039

mission and i'm one of the two crew

282

00:19:05,830 --> 00:19:04,240

members who would go out and do a

283

00:19:07,510 --> 00:19:05,840

spacewalk in case we had some kind of

284

00:19:08,789 --> 00:19:07,520

emergency or contingency and needed to

285

00:19:14,470 --> 00:19:08,799

go outside to fix something on the

286

00:19:18,549 --> 00:19:16,789

i was helping him out with the deploy

287

00:19:21,029 --> 00:19:18,559

as well as working on some of the

288

00:19:22,470 --> 00:19:21,039

mid-deck experiments and on the other

289

00:19:25,590 --> 00:19:22,480

crew member that would go out and do a

290

00:19:28,070 --> 00:19:25,600

spacewalk if we needed to do that

291

00:19:30,950 --> 00:19:28,080

bob cabana the head of the astronaut

292

00:19:32,630 --> 00:19:30,960

program here at nasa told me that

293

00:19:35,270 --> 00:19:32,640

the single most important piece of

294

00:19:45,029 --> 00:19:35,280

equipment that all of you have is your

295

00:19:49,750 --> 00:19:46,549

where are yours are you do you have them

296

00:19:49,760 --> 00:19:57,190

you bet we never leave home without it

297

00:20:02,390 --> 00:19:58,789

there they go and

298

00:20:08,549 --> 00:20:04,710

he's ready that way we can hold them for

299

00:20:13,590 --> 00:20:10,950

do you get a lot of chance to talk to

300

00:20:15,750 --> 00:20:13,600

one another or is it basically difficult

301
00:20:19,750 --> 00:20:15,760
to speak up there

302
00:20:23,830 --> 00:20:21,350
although we can hear each other very

303
00:20:26,230 --> 00:20:23,840
very clearly it's kind of like

304
00:20:27,990 --> 00:20:26,240
you know having a fan on in a room and

305
00:20:30,470 --> 00:20:28,000
uh you might have to talk just a little

306
00:20:32,390 --> 00:20:30,480
bit louder but you can hear uh just as

307
00:20:34,630 --> 00:20:32,400
well as on the ground

308
00:20:36,070 --> 00:20:34,640
we uh we got to speak to your husband

309
00:20:37,430 --> 00:20:36,080
nancy we didn't get to speak to yours

310
00:20:40,070 --> 00:20:37,440
marilyn because i know he's still in

311
00:20:41,510 --> 00:20:40,080
florida but i was curious when you both

312
00:20:42,230 --> 00:20:41,520
were single

313
00:20:44,470 --> 00:20:42,240

um

314

00:20:46,390 --> 00:20:44,480

did you intimidate men because you were

315

00:20:51,510 --> 00:20:46,400

astronauts was that an intimidating

316

00:20:55,350 --> 00:20:53,110

well as you know if you spoke to my

317

00:20:57,190 --> 00:20:55,360

husband he's an army helicopter pilot

318

00:20:58,789 --> 00:20:57,200

and i met him when he was teaching me

319

00:21:00,950 --> 00:20:58,799

how to fly one of the army's newest

320

00:21:02,630 --> 00:21:00,960

helicopters to blackhawk and so i don't

321

00:21:05,270 --> 00:21:02,640

think he was intimidated at all because

322

00:21:06,950 --> 00:21:05,280

i was a pilot just like he was and uh so

323

00:21:09,190 --> 00:21:06,960

it's quite interesting because he can

324

00:21:11,350 --> 00:21:09,200

understand my job very well and he's

325

00:21:14,630 --> 00:21:11,360

tremendously supportive

326

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

i know i've actually uh i was actually

327

00:21:21,909 --> 00:21:19,280

dating my husband for many years before

328

00:21:23,750 --> 00:21:21,919

i became an astronaut so i'm not real

329

00:21:24,950 --> 00:21:23,760

certain if anybody was intimidated or

330

00:21:27,430 --> 00:21:24,960

not

331

00:21:30,149 --> 00:21:27,440

don he certainly wasn't he wasn't now

332

00:21:39,029 --> 00:21:30,159

don um was being an astronaut an

333

00:21:44,470 --> 00:21:41,750

i'm a happily married man and

334

00:21:51,430 --> 00:21:44,480

i'd have to say absolutely not no no but

335

00:21:55,750 --> 00:21:53,909

that's why i got married here

336

00:21:57,750 --> 00:21:55,760

well we got a chance to

337

00:21:59,270 --> 00:21:57,760

meet your baby kai

338

00:22:01,669 --> 00:21:59,280

and we got a chance to spend time with

339

00:22:03,350 --> 00:22:01,679

simone and for you nancy we have we got

340

00:22:05,029 --> 00:22:03,360

a chance to speak with your husband and

341

00:22:06,390 --> 00:22:05,039

your daughter they're all doing really

342

00:22:08,390 --> 00:22:06,400

really well

343

00:22:11,270 --> 00:22:08,400

is there something you would like to say

344

00:22:15,590 --> 00:22:13,830

boy sir to uh kai and to my wife simone

345

00:22:17,270 --> 00:22:15,600

i love you i miss you very much and i

346

00:22:20,390 --> 00:22:17,280

can't wait to see you next friday at

347

00:22:22,230 --> 00:22:20,400

landing time love you

348

00:22:24,390 --> 00:22:22,240

and to dave and stephanie i love you

349

00:22:29,190 --> 00:22:24,400

with all my heart and don't eat too much

350

00:22:34,070 --> 00:22:32,310

and once again i guess i have to say

351

00:22:35,590 --> 00:22:34,080

just i love you a lot jerry and i can't

352

00:22:37,990 --> 00:22:35,600

wait to see you

353

00:22:41,029 --> 00:22:38,000

now i understand that all of you swapped

354

00:22:49,190 --> 00:22:41,039

rings with your husbands or your wives

355

00:22:51,750 --> 00:22:50,630

well you know i know they're missing

356

00:22:53,190 --> 00:22:51,760

that

357

00:22:55,270 --> 00:22:53,200

i know they're missing you and they love

358

00:22:57,990 --> 00:22:55,280

you and from down here on earth

359

00:22:59,909 --> 00:22:58,000

we uh we send you the very best wishes

360

00:23:03,510 --> 00:22:59,919

and we we hope you get back safely on

361

00:23:06,830 --> 00:23:05,350

thank you very much maddie give my best

362

00:23:09,029 --> 00:23:06,840

to mike we enjoyed meeting him in

363

00:23:12,390 --> 00:23:09,039

houston sure well

364

00:23:12,400 --> 00:23:22,070

thank you

365

00:23:22,080 --> 00:23:26,230

discovery we have picture

366

00:23:29,110 --> 00:23:27,190

okay

367

00:23:30,549 --> 00:23:29,120

don carrico will be very happy to know

368

00:23:38,230 --> 00:23:30,559

that we are cleaning the windows just

369

00:23:42,870 --> 00:23:40,470

and the next thing you'll see is uh

370

00:23:45,190 --> 00:23:42,880

don and tom in the back doing some right

371

00:23:46,710 --> 00:23:45,200

bobs and we you know as you you're very

372

00:23:49,510 --> 00:23:46,720

well familiar with we have some

373

00:23:51,510 --> 00:23:49,520

fantastic passes today over the u.s and

374

00:23:53,830 --> 00:23:51,520

we also were able to capture hurricane

375

00:23:55,669 --> 00:23:53,840

chantal

376

00:24:03,590 --> 00:23:55,679

you can also see the six crew member on

377

00:24:07,430 --> 00:24:05,270

and just to the right of woody you can

378

00:24:11,669 --> 00:24:07,440

see the mcc plaque in honor of the first

379

00:24:11,679 --> 00:24:29,909

that's a great shot discovery

380

00:24:33,269 --> 00:24:31,669

as we came over the hurricane today

381

00:24:38,230 --> 00:24:33,279

including one crew member with one

382

00:25:32,149 --> 00:24:40,470

that sounds like just about the scene

383

00:25:36,390 --> 00:25:33,909

and uh tom also the other interesting

384

00:25:38,870 --> 00:25:36,400

thing is that between windex hercules

385

00:25:43,269 --> 00:25:38,880

and sarax the windows have been kind of

386

00:25:46,950 --> 00:25:44,710

that's one thing we appreciate looking

387

00:25:49,269 --> 00:25:46,960

at the timeline is how difficult it is

388

00:25:52,710 --> 00:25:49,279

to work all those payloads with the

389

00:25:56,789 --> 00:25:54,230

that's a forum and this is a picture of

390

00:25:59,029 --> 00:25:56,799

tom and i doing hercules activation and

391

00:26:01,190 --> 00:25:59,039

this is just one part of hercules the

392

00:26:03,110 --> 00:26:01,200

hat and the ibm thinkpad computer and

393

00:26:06,870 --> 00:26:03,120

you'll see the actual camera coming to

394

00:26:10,950 --> 00:26:08,630

this camera on the ground weighed

395

00:26:12,710 --> 00:26:10,960

approximately 70 pounds and it was quite

396

00:26:14,789 --> 00:26:12,720

difficult to train with particularly for

397

00:26:16,230 --> 00:26:14,799

star alignments to hold this device over

398

00:26:19,110 --> 00:26:16,240

your head and

399

00:26:20,470 --> 00:26:19,120

be able to get an alignment within 0.05

400

00:26:21,750 --> 00:26:20,480

degrees

401
00:26:23,350 --> 00:26:21,760
we had some difficulty with the

402
00:26:25,269 --> 00:26:23,360
alignment today mostly due to the

403
00:26:26,470 --> 00:26:25,279
stabilization of the camera because it

404
00:26:27,909 --> 00:26:26,480
is so large

405
00:26:31,190 --> 00:26:27,919
and there's the camera that i'm holding

406
00:26:35,350 --> 00:26:33,269
so this is i'll be on camera which is a

407
00:26:37,190 --> 00:26:35,360
multi-spectral imaging

408
00:26:39,110 --> 00:26:37,200
intensifier camera

409
00:26:41,510 --> 00:26:39,120
and it's got its own alignment system

410
00:26:46,789 --> 00:26:41,520
that's a canister on top and then a view

411
00:26:51,269 --> 00:26:49,430
discovery we really see how that space

412
00:26:55,110 --> 00:26:51,279
is a premium working with the camera and

413
00:26:59,830 --> 00:26:57,029

satisfied the last minute the pao event