



NASA

Cal

U:MC  
United Marine Corps

1  
00:00:12,070 --> 00:00:03,669  
atlantis iss this is houston are you

2  
00:00:12,080 --> 00:00:16,950  
yes we're ready for the event

3  
00:00:25,429 --> 00:00:19,349  
tv this is mission control houston

4  
00:00:25,439 --> 00:00:30,150  
hello check can you hear me

5  
00:00:34,870 --> 00:00:31,429  
yes we can hear you loud and clear how

6  
00:00:38,630 --> 00:00:36,790  
i can hear you perfectly wow that's

7  
00:00:40,470 --> 00:00:38,640  
amazing it's so good to see all of you i

8  
00:00:42,310 --> 00:00:40,480  
want to thank you for talking to us and

9  
00:00:43,910 --> 00:00:42,320  
i want to start by asking a question to

10  
00:00:45,830 --> 00:00:43,920  
sandra if possible because we know she's

11  
00:00:47,990 --> 00:00:45,840  
from down state illinois

12  
00:00:52,950 --> 00:00:48,000  
sandra how meaningful is it for you to

13  
00:00:57,110 --> 00:00:54,790

well you know we were so focused on the

14

00:00:59,029 --> 00:00:57,120

launch the training during most of our

15

00:01:00,709 --> 00:00:59,039

preparation time i hadn't really thought

16

00:01:02,549 --> 00:01:00,719

about it but i will tell you it's an

17

00:01:04,310 --> 00:01:02,559

honor to be a part of any shuttle crew

18

00:01:05,990 --> 00:01:04,320

and this one is is really special

19

00:01:08,070 --> 00:01:06,000

because it is the last one

20

00:01:09,510 --> 00:01:08,080

and we're just very busy up here and i

21

00:01:11,350 --> 00:01:09,520

think it's going to hit us a little bit

22

00:01:13,109 --> 00:01:11,360

harder once we land

23

00:01:17,190 --> 00:01:13,119

there at the cape and have to say

24

00:01:22,789 --> 00:01:20,710

wow it sure is what's next for the space

25

00:01:25,109 --> 00:01:22,799

program and what is the impact for

26

00:01:29,830 --> 00:01:25,119

future generations without the space

27

00:01:33,910 --> 00:01:31,510

well we're going to find out here next

28

00:01:35,429 --> 00:01:33,920

year i think that there's there's one

29

00:01:36,870 --> 00:01:35,439

big capability we're going to miss up

30

00:01:39,670 --> 00:01:36,880

here on the international space station

31

00:01:41,109 --> 00:01:39,680

and that's being able to return items

32

00:01:43,590 --> 00:01:41,119

like the space shuttle atlantis is

33

00:01:45,429 --> 00:01:43,600

returning when we come back last year

34

00:01:46,550 --> 00:01:45,439

there was a pump a critical pump that

35

00:01:48,950 --> 00:01:46,560

failed and we're going to bring it home

36

00:01:50,389 --> 00:01:48,960

so the engineers can take a look at it

37

00:01:51,830 --> 00:01:50,399

of course when we lose the space shuttle

38

00:01:53,990 --> 00:01:51,840

we're not going to have that capability

39

00:01:55,830 --> 00:01:54,000

anymore but we are building new rockets

40

00:01:57,510 --> 00:01:55,840

uh some of our commercial folks are

41

00:01:59,030 --> 00:01:57,520

putting rockets together for us so we'll

42

00:02:02,550 --> 00:01:59,040

be able to visit the space station again

43

00:02:08,229 --> 00:02:05,270

so what happens personally for you and

44

00:02:10,710 --> 00:02:08,239

your careers what what is your next um

45

00:02:15,910 --> 00:02:10,720

operations involved without being able

46

00:02:21,510 --> 00:02:19,030

well that's it's not exactly correct i

47

00:02:23,510 --> 00:02:21,520

mean we have uh opportunities following

48

00:02:25,350 --> 00:02:23,520

this we're going to continue to crew the

49

00:02:27,270 --> 00:02:25,360

international space station for the next

50

00:02:29,110 --> 00:02:27,280

decade at least so we've got

51  
00:02:29,910 --> 00:02:29,120  
opportunities there to fly in space and

52  
00:02:31,430 --> 00:02:29,920  
then

53  
00:02:34,070 --> 00:02:31,440  
we've got some great opportunities on

54  
00:02:36,390 --> 00:02:34,080  
the ground as well supporting

55  
00:02:37,990 --> 00:02:36,400  
development of our next uh vehicle which

56  
00:02:40,470 --> 00:02:38,000  
is going to go beyond

57  
00:02:43,030 --> 00:02:40,480  
low earth orbit and then we also have uh

58  
00:02:45,190 --> 00:02:43,040  
you know a chance to to contribute with

59  
00:02:46,949 --> 00:02:45,200  
the commercial companies as they come

60  
00:02:48,630 --> 00:02:46,959  
online to build vehicles that are going

61  
00:02:50,470 --> 00:02:48,640  
to come to the international space

62  
00:02:53,830 --> 00:02:50,480  
station so there's there's going to be

63  
00:02:56,710 --> 00:02:54,949

you know that's interesting because i

64

00:02:58,949 --> 00:02:56,720

wanted to ask you that there's so much

65

00:03:01,750 --> 00:02:58,959

talk about the commercial programs and

66

00:03:02,949 --> 00:03:01,760

sending citizens private citizens into

67

00:03:05,589 --> 00:03:02,959

space

68

00:03:08,309 --> 00:03:05,599

what do you feel about that you guys are

69

00:03:10,869 --> 00:03:08,319

moving forward in advancing science how

70

00:03:14,949 --> 00:03:10,879

do you feel about just us average joe's

71

00:03:18,470 --> 00:03:16,790

hey i think that's really important the

72

00:03:20,470 --> 00:03:18,480

more people can get in space i think the

73

00:03:21,910 --> 00:03:20,480

better it's just an amazing place up

74

00:03:23,830 --> 00:03:21,920

here and i'd like everybody to be able

75

00:03:25,350 --> 00:03:23,840

to experience it the problem is right

76  
00:03:27,350 --> 00:03:25,360  
now it's very expensive to get people to

77  
00:03:28,949 --> 00:03:27,360  
space and so the reason the way we'll

78  
00:03:31,190 --> 00:03:28,959  
get more and more people have access to

79  
00:03:32,869 --> 00:03:31,200  
space is to bring that launch cost down

80  
00:03:34,309 --> 00:03:32,879  
and so we're going to we're going to try

81  
00:03:36,309 --> 00:03:34,319  
to do that and as we do that it'll make

82  
00:03:37,910 --> 00:03:36,319  
it cheaper to do important research up

83  
00:03:39,430 --> 00:03:37,920  
here on the space station but also

84  
00:03:41,589 --> 00:03:39,440  
eventually someday it'll make it easier

85  
00:03:45,110 --> 00:03:41,599  
to have access to everyday person to be

86  
00:03:49,509 --> 00:03:47,350  
what is your advice for young people who

87  
00:03:51,670 --> 00:03:49,519  
are interested in moving into your

88  
00:03:53,429 --> 00:03:51,680

profession and also just people in

89

00:03:55,429 --> 00:03:53,439

general who are interested in the space

90

00:04:00,470 --> 00:03:55,439

program with all the changes going on

91

00:04:03,910 --> 00:04:02,390

well certainly keep keep tuned in

92

00:04:06,710 --> 00:04:03,920

because a lot of exciting things are

93

00:04:08,149 --> 00:04:06,720

going on and for young people you know

94

00:04:10,229 --> 00:04:08,159

when we were all younger we dreamed of

95

00:04:13,670 --> 00:04:10,239

being astronauts and it seemed like a

96

00:04:15,270 --> 00:04:13,680

very remote chance or a remote idea

97

00:04:16,550 --> 00:04:15,280

but if you work really hard you

98

00:04:18,469 --> 00:04:16,560

persevere

99

00:04:20,870 --> 00:04:18,479

and you follow your dreams anything can

100

00:04:22,390 --> 00:04:20,880

happen and here we are testimony to that

101

00:04:23,749 --> 00:04:22,400

so i would advise any young person

102

00:04:25,749 --> 00:04:23,759

whether you're interested in being an

103

00:04:27,510 --> 00:04:25,759

astronaut or or being involved in the

104

00:04:29,350 --> 00:04:27,520

space program or whatever your dream is

105

00:04:33,189 --> 00:04:29,360

just give it a shot go for it believe in

106

00:04:36,710 --> 00:04:34,710

and for those of us who are maybe

107

00:04:39,350 --> 00:04:36,720

fantasizing about it now that there is

108

00:04:40,310 --> 00:04:39,360

talk of private people going into space

109

00:04:44,310 --> 00:04:40,320

what is

110

00:04:46,070 --> 00:04:44,320

want to get involved in the program

111

00:04:48,310 --> 00:04:46,080

what's the coolest thing about actually

112

00:04:50,629 --> 00:04:48,320

being up there it's fun to see you guys

113

00:04:58,150 --> 00:04:50,639

having anti-gravity effects what would

114

00:05:01,350 --> 00:04:59,350

of course there's a lot of things to

115

00:05:02,790 --> 00:05:01,360

enjoy up here uh and not the least of

116

00:05:04,870 --> 00:05:02,800

which is being able to float around

117

00:05:06,790 --> 00:05:04,880

that's a sensation that very few people

118

00:05:08,790 --> 00:05:06,800

have experienced and it's uh it's really

119

00:05:10,870 --> 00:05:08,800

kind of interesting to translate to to

120

00:05:12,230 --> 00:05:10,880

travel between these modules uh kind of

121

00:05:13,990 --> 00:05:12,240

like superman

122

00:05:15,670 --> 00:05:14,000

your legs your legs don't get a lot of

123

00:05:17,830 --> 00:05:15,680

use and your arms get an awful lot of

124

00:05:20,150 --> 00:05:17,840

use so uh you know there's a lot of

125

00:05:21,990 --> 00:05:20,160

great things to look forward to and when

126  
00:05:23,990 --> 00:05:22,000  
folks perhaps who

127  
00:05:26,070 --> 00:05:24,000  
not just the wealthy few who have been

128  
00:05:28,150 --> 00:05:26,080  
able to travel to spur space

129  
00:05:30,390 --> 00:05:28,160  
commercially so far but when the average

130  
00:05:31,670 --> 00:05:30,400  
person is is going to be able to do it

131  
00:05:33,749 --> 00:05:31,680  
it'll be more like

132  
00:05:36,150 --> 00:05:33,759  
commercial air travel so i would see

133  
00:05:39,110 --> 00:05:36,160  
maybe 20 or 30 years in the future we'll

134  
00:05:40,950 --> 00:05:39,120  
have a commercial airlines to space just

135  
00:05:44,790 --> 00:05:40,960  
like we have commercial airlines that go

136  
00:05:48,150 --> 00:05:46,710  
i know sandra mentioned before that you

137  
00:05:49,430 --> 00:05:48,160  
guys were very busy and didn't really

138  
00:05:51,270 --> 00:05:49,440

have a lot of time to reflect but is

139

00:05:53,830 --> 00:05:51,280

there anybody who's feeling

140

00:06:02,230 --> 00:05:53,840

particularly nostalgic or sentimental

141

00:06:04,870 --> 00:06:03,909

well yeah as you know we are very busy

142

00:06:06,070 --> 00:06:04,880

and we're concentrating on a mission but

143

00:06:07,749 --> 00:06:06,080

every once in a while when it just

144

00:06:08,870 --> 00:06:07,759

quiets down for a minute yeah i remember

145

00:06:10,629 --> 00:06:08,880

sitting on the mid deck the other day

146

00:06:11,990 --> 00:06:10,639

and thinking wow this is the last time

147

00:06:14,710 --> 00:06:12,000

this vehicle is going to fly here we are

148

00:06:16,950 --> 00:06:14,720

in space so um just and and fleeting

149

00:06:18,710 --> 00:06:16,960

moments between being really busy you

150

00:06:21,350 --> 00:06:18,720

kind of think wow this is this is really

151

00:06:23,029 --> 00:06:21,360

it uh but boy it's gonna hit when we uh

152

00:06:24,309 --> 00:06:23,039

when we land and we'll stop and when all

153

00:06:26,309 --> 00:06:24,319

the pressure's off of the mission and

154

00:06:28,870 --> 00:06:26,319

all the busyness is done we'll reflect

155

00:06:30,469 --> 00:06:28,880

back and uh and we'll realize that the

156

00:06:31,990 --> 00:06:30,479

the space shuttle has completed it's

157

00:06:33,189 --> 00:06:32,000

completed its mission and it's it's not

158

00:06:35,430 --> 00:06:33,199

a time for stats it's a time for

159

00:06:37,110 --> 00:06:35,440

celebration it's had a storied 30-year

160

00:06:39,830 --> 00:06:37,120

career and now we're very very proud of

161

00:06:41,270 --> 00:06:39,840

it and so i i plan on when we get back

162

00:06:43,029 --> 00:06:41,280

to the ground celebrating with everybody

163

00:06:44,710 --> 00:06:43,039

who's worked so hard on this program to

164

00:06:47,590 --> 00:06:44,720

uh to celebrate the great achievements

165

00:06:49,270 --> 00:06:47,600

over the last 30 years

166

00:06:50,870 --> 00:06:49,280

well thank you all so much for talking

167

00:06:52,629 --> 00:06:50,880

to us and thank you for the wonderful

168

00:06:57,029 --> 00:06:52,639

work that you've been doing for us on

169

00:07:02,629 --> 00:06:59,670

thank you very much we'll see you

170

00:07:05,110 --> 00:07:02,639

atlantis iss this is houston acr that

171

00:07:07,150 --> 00:07:05,120

concludes the wbbm portion of the event

172

00:07:09,270 --> 00:07:07,160

please stand by for a voice check from

173

00:07:11,270 --> 00:07:09,280

ktvu tv

174

00:07:13,589 --> 00:07:11,280

you're on ktvu morning news it is

175

00:07:15,589 --> 00:07:13,599

thursday it's july 14th sounds good

176

00:07:17,749 --> 00:07:15,599

stand by morning pam cook thank you for

177

00:07:19,270 --> 00:07:17,759

joining us it's 6 26 right now this is

178

00:07:21,189 --> 00:07:19,280

an incredible morning yes it is because

179

00:07:23,110 --> 00:07:21,199

for almost a week we've been showing you

180

00:07:24,870 --> 00:07:23,120

the incredible pictures of the crew

181

00:07:27,110 --> 00:07:24,880

members of the space shuttle atlantis

182

00:07:29,189 --> 00:07:27,120

well this morning pam and i have the

183

00:07:31,189 --> 00:07:29,199

privilege of talking to the shuttle crew

184

00:07:34,230 --> 00:07:31,199

live about their historic mission

185

00:07:37,830 --> 00:07:34,240

atlantis iss this is ktvu tv can you

186

00:07:43,029 --> 00:07:39,189

yes space station read you loud and

187

00:07:46,869 --> 00:07:44,869

copy that

188

00:07:49,830 --> 00:07:46,879

we hear you good morning gentlemen thank

189

00:07:51,990 --> 00:07:49,840

you uh and and uh ma'am for joining us

190

00:07:53,670 --> 00:07:52,000

this morning um tell us okay we've been

191

00:07:57,070 --> 00:07:53,680

talking about the barbecued chicken and

192

00:07:59,189 --> 00:07:57,080

the beans what what is that it's called

193

00:08:03,270 --> 00:07:59,199

thermostabilized tell us about the food

194

00:08:07,350 --> 00:08:05,510

actually the food's pretty good um some

195

00:08:09,029 --> 00:08:07,360

of it is sort of in the form of meals

196

00:08:11,029 --> 00:08:09,039

ready to eat that the military has where

197

00:08:13,830 --> 00:08:11,039

it's a pouch you just heat it up and and

198

00:08:16,629 --> 00:08:13,840

you eat it the thermal stabilized is in

199

00:08:18,710 --> 00:08:16,639

a dehydrated sort of form

200

00:08:21,270 --> 00:08:18,720

as well it comes in that form you just

201

00:08:23,589 --> 00:08:21,280

add water put it in the oven and heat it

202

00:08:25,430 --> 00:08:23,599

up and that's good to go as well and of

203

00:08:26,550 --> 00:08:25,440

course we have you know our special meal

204

00:08:28,950 --> 00:08:26,560

we're going to be sharing with the space

205

00:08:30,790 --> 00:08:28,960

station crew and and we'll be having a

206

00:08:33,110 --> 00:08:30,800

very nice time and reflecting you know

207

00:08:37,829 --> 00:08:33,120

we originally wanted it on july 4th but

208

00:08:42,389 --> 00:08:40,310

well just an observation the four of you

209

00:08:44,470 --> 00:08:42,399

looked terrific up there in space we're

210

00:08:47,110 --> 00:08:44,480

so happy to be able to talk to you but

211

00:08:48,550 --> 00:08:47,120

this is also the end of the shuttle

212

00:08:50,470 --> 00:08:48,560

mission what are your thoughts now the

213

00:08:52,630 --> 00:08:50,480

average person doesn't get a chance to

214

00:08:54,070 --> 00:08:52,640

talk to the space shuttle crew you're

215

00:09:02,550 --> 00:08:54,080

winding down this is the end of the

216

00:09:06,790 --> 00:09:04,790

well you know it's uh it's like any uh

217

00:09:08,310 --> 00:09:06,800

well your first car for example you know

218

00:09:10,230 --> 00:09:08,320

you love it you hate to see it go but

219

00:09:12,550 --> 00:09:10,240

you realize that every vehicle has its

220

00:09:13,910 --> 00:09:12,560

time and uh while you know i personally

221

00:09:16,070 --> 00:09:13,920

believe there's a little bit of lifetime

222

00:09:18,070 --> 00:09:16,080

left in the space shuttle uh we do have

223

00:09:20,550 --> 00:09:18,080

to realize that if we want to go beyond

224

00:09:22,389 --> 00:09:20,560

and get another rocket or craft that

225

00:09:23,829 --> 00:09:22,399

will go outside of low earth orbit the

226

00:09:25,590 --> 00:09:23,839

space shuttle is not the one and

227

00:09:28,070 --> 00:09:25,600

eventually we do want to go to back to

228

00:09:29,269 --> 00:09:28,080

the moon perhaps mars or an asteroid and

229

00:09:32,230 --> 00:09:29,279

we're going to need to stand down a

230

00:09:34,230 --> 00:09:32,240

little bit and and take time and take

231

00:09:36,630 --> 00:09:34,240

perhaps the money that was used to

232

00:09:37,910 --> 00:09:36,640

operate the space shuttle and instead

233

00:09:41,350 --> 00:09:37,920

build a new vehicle with it which is

234

00:09:44,230 --> 00:09:43,030

that's certainly exciting to hear that

235

00:09:46,710 --> 00:09:44,240

you know we intend to go back to the

236

00:09:49,269 --> 00:09:46,720

moon and mars what would you say is the

237

00:09:54,870 --> 00:09:49,279

most significant contribution that the

238

00:09:58,310 --> 00:09:56,630

well i can definitely offer you one i

239

00:10:00,230 --> 00:09:58,320

think there were a number of great

240

00:10:02,069 --> 00:10:00,240

contributions to shuttle made but uh

241

00:10:05,030 --> 00:10:02,079

we're here talking to you from one of

242

00:10:06,310 --> 00:10:05,040

the one of the crowning achievements of

243

00:10:08,150 --> 00:10:06,320

the space shuttle program and that's the

244

00:10:10,310 --> 00:10:08,160

international space station you know the

245

00:10:12,550 --> 00:10:10,320

shuttle was integral in constructing

246

00:10:15,190 --> 00:10:12,560

building and putting all this together

247

00:10:17,829 --> 00:10:15,200

uh 210 miles above the surface of the

248

00:10:18,630 --> 00:10:17,839

earth so you know we we get to see this

249

00:10:20,310 --> 00:10:18,640

uh

250

00:10:22,710 --> 00:10:20,320

you know this work of art every day for

251

00:10:25,269 --> 00:10:22,720

the next uh several days and uh and

252

00:10:26,870 --> 00:10:25,279

it'll be here for years to come so

253

00:10:28,230 --> 00:10:26,880

definitely the space station is probably

254

00:10:31,030 --> 00:10:28,240

one of the greatest achievements of the

255

00:10:34,389 --> 00:10:32,550

well we love you we're pleased to talk

256

00:10:37,030 --> 00:10:34,399

to you one final question have you

257

00:10:39,350 --> 00:10:37,040

thought of a neil armstrong type

258

00:10:46,710 --> 00:10:39,360

statement to make about this as it winds

259

00:10:50,310 --> 00:10:47,750

well you know it's funny you should

260

00:10:52,310 --> 00:10:50,320

mention that because uh if we launched

261

00:10:54,150 --> 00:10:52,320

on time on july 8th our original landing

262

00:10:56,069 --> 00:10:54,160

was supposed to be july 20th which of

263

00:10:59,190 --> 00:10:56,079

course is the anniversary of neil

264

00:11:00,870 --> 00:10:59,200

armstrong's landing on the moon um as it

265

00:11:03,430 --> 00:11:00,880

as it was we've extended one day we'll

266

00:11:05,509 --> 00:11:03,440

be landing on july uh 21st a significant

267

00:11:07,030 --> 00:11:05,519

day nonetheless and uh i put some

268

00:11:09,750 --> 00:11:07,040

thought into uh how we're going to

269

00:11:11,430 --> 00:11:09,760

reflect on the moment uh and uh perhaps

270

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

we'll just save that so that we'll stop

271

00:11:21,190 --> 00:11:19,030

all right fantastic thank you very much

272

00:11:23,750 --> 00:11:21,200

thank you so much we are talking live to

273

00:11:25,829 --> 00:11:23,760

the astronauts there uh notice the cal

274

00:11:28,230 --> 00:11:25,839

cow fan in the back we appreciate that

275

00:11:29,990 --> 00:11:28,240

here in the bay area thank you very much

276

00:11:34,150 --> 00:11:30,000

for joining us today have a safe trip

277

00:11:34,160 --> 00:11:37,990

thank you so very much have a great day

278

00:11:43,670 --> 00:11:40,870

atlantis iss this is houston acr that

279

00:11:45,910 --> 00:11:43,680

concludes the ktvutv portion of the

280

00:11:47,670 --> 00:11:45,920

event please stand by for a voice check

281

00:11:55,269 --> 00:11:47,680

from wtxf

282

00:11:57,750 --> 00:11:56,550

let's go to space what do you say let's

283

00:11:59,829 --> 00:11:57,760

do it all right here we go the

284

00:12:01,110 --> 00:11:59,839

astronauts of the shuttle atlantis are

285

00:12:02,629 --> 00:12:01,120

making history right now on the

286

00:12:05,430 --> 00:12:02,639

shuttle's last mission in space you know

287

00:12:06,870 --> 00:12:05,440

that and they are about to join us live

288

00:12:08,629 --> 00:12:06,880

in fact i think we have them at the

289

00:12:11,030 --> 00:12:08,639

international space station

290

00:12:12,870 --> 00:12:11,040

and there they are

291

00:12:16,870 --> 00:12:12,880

just floating there hi welcome to

292

00:12:22,389 --> 00:12:18,870

hey it's it's great to be here my

293

00:12:24,150 --> 00:12:22,399

hometown of philly how you doing

294

00:12:26,790 --> 00:12:24,160

good that's great and commander we're so

295

00:12:28,550 --> 00:12:26,800

happy and proud of you now we may talk

296

00:12:30,150 --> 00:12:28,560

to the rest of the crew too but we're

297

00:12:32,230 --> 00:12:30,160

going to concentrate on

298

00:12:33,990 --> 00:12:32,240

commander ferguson here we'll get to

299

00:12:35,910 --> 00:12:34,000

everybody eventually i'm trying to look

300

00:12:38,550 --> 00:12:35,920

at you and look at

301  
00:12:41,509 --> 00:12:38,560  
their hair sticking straight up that's

302  
00:12:43,030 --> 00:12:41,519  
specialist magnus sandy magnus so

303  
00:12:44,710 --> 00:12:43,040  
chris ferguson

304  
00:12:48,310 --> 00:12:44,720  
when did you first

305  
00:12:49,590 --> 00:12:48,320  
get involved in space

306  
00:12:51,829 --> 00:12:49,600  
that's awesome

307  
00:12:53,269 --> 00:12:51,839  
you know philly's own willow or will

308  
00:12:54,790 --> 00:12:53,279  
smith's kid

309  
00:12:56,069 --> 00:12:54,800  
what's the thing with herself

310  
00:12:57,269 --> 00:12:56,079  
i wet my hair back and forth where my

311  
00:12:58,150 --> 00:12:57,279  
hair back and forth that's the first

312  
00:12:59,670 --> 00:12:58,160  
time you've seen somebody with their

313  
00:13:01,910 --> 00:12:59,680

hair back and forth from space anyway

314

00:13:04,069 --> 00:13:01,920

commander ferguson when did you first

315

00:13:06,790 --> 00:13:04,079

have the dream of going to space from

316

00:13:08,790 --> 00:13:06,800

living in philadelphia thanks for living

317

00:13:11,190 --> 00:13:08,800

in philadelphia oh i grew up in the

318

00:13:13,110 --> 00:13:11,200

northeast there i went to saint martha's

319

00:13:14,310 --> 00:13:13,120

grade school archbishop ryan high school

320

00:13:16,550 --> 00:13:14,320

and i think it was somewhere in there i

321

00:13:19,110 --> 00:13:16,560

had some real motivational teachers who

322

00:13:20,949 --> 00:13:19,120

got me interested in science and taught

323

00:13:22,389 --> 00:13:20,959

me a little bit about aviation i thought

324

00:13:24,470 --> 00:13:22,399

well you know maybe i'd like to fly

325

00:13:26,310 --> 00:13:24,480

airplanes someday one thing led to

326

00:13:27,829 --> 00:13:26,320

another i always had a fascination with

327

00:13:30,069 --> 00:13:27,839

the with the early astronauts and the

328

00:13:32,389 --> 00:13:30,079

apollo program and you know lo and

329

00:13:33,829 --> 00:13:32,399

behold you just uh you put your nose to

330

00:13:35,110 --> 00:13:33,839

the grindstone and you keep your dreams

331

00:13:37,350 --> 00:13:35,120

alive and you end up in interesting

332

00:13:39,590 --> 00:13:37,360

places someday

333

00:13:41,430 --> 00:13:39,600

you're here i'm telling you i've done a

334

00:13:43,910 --> 00:13:41,440

lot of these interviews as well a few of

335

00:13:46,550 --> 00:13:43,920

them from space the technology now is

336

00:13:48,470 --> 00:13:46,560

amazing the picture guys

337

00:13:50,870 --> 00:13:48,480

you look like you're in a studio maybe

338

00:13:52,949 --> 00:13:50,880

in omaha nebraska or something the shot

339

00:13:55,269 --> 00:13:52,959

is so clear is this a hoax are you

340

00:13:56,790 --> 00:13:55,279

really in space still

341

00:13:58,710 --> 00:13:56,800

are you really in space

342

00:13:59,829 --> 00:13:58,720

see the hair

343

00:14:06,150 --> 00:13:59,839

i don't know we're going to have to do

344

00:14:06,160 --> 00:14:10,230

oh yeah i can do that watch this

345

00:14:13,590 --> 00:14:11,910

can everybody float around for us that

346

00:14:18,069 --> 00:14:13,600

was really cool chris

347

00:14:22,870 --> 00:14:20,150

i think i think sandy's hair is pretty

348

00:14:24,790 --> 00:14:22,880

much a dead giveaway

349

00:14:26,949 --> 00:14:24,800

it is oh there you go there's a pose for

350

00:14:30,230 --> 00:14:26,959

you right there

351  
00:14:32,310 --> 00:14:30,240  
that is so cool well which way is the is

352  
00:14:36,949 --> 00:14:32,320  
the space station are you standing are

353  
00:14:40,790 --> 00:14:38,790  
actually uh we're in we're in the

354  
00:14:42,710 --> 00:14:40,800  
japanese module right now this is one of

355  
00:14:44,629 --> 00:14:42,720  
several modules the space station is

356  
00:14:46,389 --> 00:14:44,639  
really it's an incredibly large uh

357  
00:14:48,870 --> 00:14:46,399  
vehicle it's uh weighs over a million

358  
00:14:50,629 --> 00:14:48,880  
pounds right now and uh you know if you

359  
00:14:53,189 --> 00:14:50,639  
have one of the unique opportunities

360  
00:14:55,189 --> 00:14:53,199  
like we have to you know

361  
00:14:57,189 --> 00:14:55,199  
be a thousand feet below and look up at

362  
00:14:58,870 --> 00:14:57,199  
this tremendous vehicle it is just

363  
00:15:00,629 --> 00:14:58,880

awe-inspiring it's hard to believe that

364

00:15:03,590 --> 00:15:00,639

mankind has built this and we get to

365

00:15:04,790 --> 00:15:03,600

live in it for a couple weeks it's great

366

00:15:06,870 --> 00:15:04,800

you know every now and then you can see

367

00:15:08,310 --> 00:15:06,880

the space shuttle go over philadelphia

368

00:15:09,590 --> 00:15:08,320

what are you looking at right now like

369

00:15:13,509 --> 00:15:09,600

for instance right now where are you

370

00:15:16,550 --> 00:15:15,030

uh we're actually

371

00:15:18,230 --> 00:15:16,560

uh we're like i said we're floating in

372

00:15:19,670 --> 00:15:18,240

the japanese module which is one of the

373

00:15:21,430 --> 00:15:19,680

wings that sits off the side of the

374

00:15:23,189 --> 00:15:21,440

space station of course it's a series of

375

00:15:24,790 --> 00:15:23,199

tubes that stick together but when you

376

00:15:26,310 --> 00:15:24,800

see the space station fly over it's a

377

00:15:28,069 --> 00:15:26,320

very bright light what you're usually

378

00:15:29,910 --> 00:15:28,079

seeing is the reflection off the large

379

00:15:34,230 --> 00:15:29,920

solar arrays that are about 300 feet

380

00:15:42,470 --> 00:15:37,269

yeah so where is the space station right

381

00:15:47,269 --> 00:15:45,350

wow that's a real good question we

382

00:15:49,269 --> 00:15:47,279

we actually have this uh real neat

383

00:15:50,870 --> 00:15:49,279

computer application that tells us where

384

00:15:52,710 --> 00:15:50,880

we are in the world because sometimes

385

00:15:53,829 --> 00:15:52,720

just by looking out the window you can't

386

00:15:55,829 --> 00:15:53,839

tell

387

00:15:57,509 --> 00:15:55,839

but right now we don't have it up so

388

00:15:59,030 --> 00:15:57,519

honest to goodness we can't tell you

389

00:16:00,629 --> 00:15:59,040

where we are over the earth but if we

390

00:16:02,389 --> 00:16:00,639

went to a window we could find out well

391

00:16:03,910 --> 00:16:02,399

listen to this

392

00:16:06,150 --> 00:16:03,920

i've been told you're over the northeast

393

00:16:12,230 --> 00:16:06,160

atlantic

394

00:16:16,629 --> 00:16:14,629

fantastic you know rex here is just an

395

00:16:18,870 --> 00:16:16,639

expert in geography and all he has to go

396

00:16:21,030 --> 00:16:18,880

down to uh the cupola which is uh kind

397

00:16:22,389 --> 00:16:21,040

of like a fishbowl if you will to allow

398

00:16:23,990 --> 00:16:22,399

us to look out the bottom of the space

399

00:16:27,030 --> 00:16:24,000

station and rex can usually pick out

400

00:16:28,790 --> 00:16:27,040

exactly where we are at any given moment

401  
00:16:31,430 --> 00:16:28,800  
that's kind of cool i'll say did you

402  
00:16:33,110 --> 00:16:31,440  
take any tasty cakes uh tasty cakes up

403  
00:16:35,030 --> 00:16:33,120  
there and if you did which one do you

404  
00:16:37,829 --> 00:16:35,040  
like

405  
00:16:39,350 --> 00:16:37,839  
thing we're gonna do is maybe get sandy

406  
00:16:40,629 --> 00:16:39,360  
go back and open one of these windows

407  
00:16:42,790 --> 00:16:40,639  
behind us we'll let you look out the

408  
00:16:45,110 --> 00:16:42,800  
window a little bit did i take any tasty

409  
00:16:50,310 --> 00:16:45,120  
cakes unfortunately no but believe me i

410  
00:16:54,389 --> 00:16:52,550  
okay now we have some video of you of uh

411  
00:16:56,470 --> 00:16:54,399  
you folks eating breakfast what did you

412  
00:16:59,590 --> 00:16:56,480  
have for breakfast

413  
00:17:00,949 --> 00:16:59,600

uh

414

00:17:02,710 --> 00:17:00,959

i'll tell you what let me pass the

415

00:17:04,390 --> 00:17:02,720

microphone around a little bit this is

416

00:17:07,350 --> 00:17:04,400

doug hurley the pilot let's just talk to

417

00:17:11,829 --> 00:17:10,230

uh let's see would i i had uh oatmeal

418

00:17:13,350 --> 00:17:11,839

with brown sugar this morning and i

419

00:17:15,270 --> 00:17:13,360

think uh

420

00:17:17,189 --> 00:17:15,280

somebody else had eggs and i don't

421

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

remember what rex had a sausage patty

422

00:17:25,189 --> 00:17:19,360

and a sausage patty so you know pretty

423

00:17:30,070 --> 00:17:27,510

now we don't we a lot of our meals are

424

00:17:31,909 --> 00:17:30,080

kind of you know similar to military

425

00:17:33,510 --> 00:17:31,919

meals ready to eat so they're in pouches

426

00:17:35,990 --> 00:17:33,520

or bags and some of them you have to add

427

00:17:37,190 --> 00:17:36,000

water to and we have a a small oven in

428

00:17:39,990 --> 00:17:37,200

the shuttle

429

00:17:41,990 --> 00:17:40,000

where we can heat things up both

430

00:17:44,310 --> 00:17:42,000

you know food and we can get hot or cold

431

00:17:45,270 --> 00:17:44,320

water out of the dispenser right above

432

00:17:47,110 --> 00:17:45,280

it so

433

00:17:50,470 --> 00:17:47,120

it's a pretty nice setup and the food is

434

00:17:52,470 --> 00:17:50,480

uh is really really good

435

00:17:53,590 --> 00:17:52,480

sandy your face is turning red is is

436

00:17:54,950 --> 00:17:53,600

that the blood runner for rushing to

437

00:17:59,510 --> 00:17:54,960

your head and what are you looking at

438

00:18:03,190 --> 00:18:01,430

a lot of water most of the time when you

439

00:18:05,430 --> 00:18:03,200

look out the window up here there's just

440

00:18:07,510 --> 00:18:05,440

a lot of water and occasionally you'll

441

00:18:09,270 --> 00:18:07,520

go over a continent uh you know only

442

00:18:10,870 --> 00:18:09,280

takes us 90 minutes to go around the

443

00:18:13,270 --> 00:18:10,880

world and so we get a sunset in the

444

00:18:15,270 --> 00:18:13,280

sunrise about every 45 minutes when

445

00:18:16,870 --> 00:18:15,280

you're over the sahara it's very very

446

00:18:19,110 --> 00:18:16,880

dramatic there's a lot of browns and

447

00:18:20,470 --> 00:18:19,120

oranges and tans and beiges it's really

448

00:18:22,310 --> 00:18:20,480

beautiful the caribbean is really

449

00:18:24,710 --> 00:18:22,320

beautiful but right now we just see a

450

00:18:25,669 --> 00:18:24,720

lot of water out the window

451  
00:18:28,789 --> 00:18:25,679  
yeah

452  
00:18:31,430 --> 00:18:28,799  
you know as bette miller once said

453  
00:18:33,190 --> 00:18:31,440  
from a distance

454  
00:18:34,950 --> 00:18:33,200  
no i won't sing so

455  
00:18:36,789 --> 00:18:34,960  
so i always wondered what you wear but

456  
00:18:38,070 --> 00:18:36,799  
we've had some uh people tweet us this

457  
00:18:40,470 --> 00:18:38,080  
morning want to know by the way

458  
00:18:42,950 --> 00:18:40,480  
congratulations they say to commander

459  
00:18:45,029 --> 00:18:42,960  
ferguson we're all proud of you uh

460  
00:18:45,990 --> 00:18:45,039  
everybody who ever went to archbishop

461  
00:18:48,390 --> 00:18:46,000  
ryan

462  
00:18:49,430 --> 00:18:48,400  
uh high school so that's one thing uh

463  
00:18:50,710 --> 00:18:49,440

i'm not gonna ask this but they always

464

00:18:52,710 --> 00:18:50,720

ask how do you go to the bathroom stuff

465

00:18:54,950 --> 00:18:52,720

like that you want a notion my co-anchor

466

00:18:57,029 --> 00:18:54,960

chanel marie jones

467

00:18:58,630 --> 00:18:57,039

wants to know

468

00:19:02,390 --> 00:18:58,640

how do you go to the bathroom you go in

469

00:19:06,630 --> 00:19:04,549

let's just say it involves airflow

470

00:19:16,870 --> 00:19:06,640

rather than gravity i will just leave it

471

00:19:20,070 --> 00:19:18,070

thank you all very much well we didn't

472

00:19:21,830 --> 00:19:20,080

talk to rex uh all right thank you all

473

00:19:23,190 --> 00:19:21,840

very much and con congratulations

474

00:19:27,669 --> 00:19:23,200

especially to our commander chris

475

00:19:30,789 --> 00:19:29,110

hello my family and friends in

476

00:19:33,270 --> 00:19:30,799

philadelphia drexel university

477

00:19:34,150 --> 00:19:33,280

archbishop ryan go philly that's right

478

00:19:37,669 --> 00:19:34,160

you

479

00:19:39,590 --> 00:19:37,679

even kidding this makes me want to go

480

00:19:44,230 --> 00:19:39,600

back to school and do something with my

481

00:19:49,750 --> 00:19:46,230

atlantis iss this is houston thanks so

482

00:19:49,760 --> 00:19:53,990

thank you that concludes the event

483

00:20:02,789 --> 00:20:00,630

thank you wbbm tv ktvu tv and wtxf tv