



1
00:00:09,789 --> 00:00:02,440
station this is Houston are you ready

2
00:00:12,070 --> 00:00:09,799
for the event yes I am CBS Radio News

3
00:00:14,860 --> 00:00:12,080
this is Mission Control Houston please

4
00:00:16,960 --> 00:00:14,870
call station for a voice check station

5
00:00:21,820 --> 00:00:16,970
good afternoon this is CBS Radio News

6
00:00:24,370 --> 00:00:21,830
how do you hear me I have you loud and

7
00:00:26,500 --> 00:00:24,380
clear commander Steve Swanson good

8
00:00:28,600 --> 00:00:26,510
afternoon this is Peter King along with

9
00:00:30,520 --> 00:00:28,610
bill Harwood we're both in Florida and

10
00:00:32,470 --> 00:00:30,530
glad to talk to you this afternoon and

11
00:00:33,910 --> 00:00:32,480
as we talk to you you're getting ready

12
00:00:35,920 --> 00:00:33,920
to welcome a new crew aboard

13
00:00:42,069 --> 00:00:35,930

so wondering how much work it takes to

14

00:00:43,870 --> 00:00:42,079

get ready for the new guys it's a little

15

00:00:45,550 --> 00:00:43,880

bit of work it's not too much it's just

16

00:00:47,530 --> 00:00:45,560

we still put in the same amount of time

17

00:00:50,200 --> 00:00:47,540

each day and we're looking forward to it

18

00:00:52,569 --> 00:00:50,210

so it's a work that's enjoyable because

19

00:00:54,010 --> 00:00:52,579

I know the what's gonna come out of this

20

00:00:55,210 --> 00:00:54,020

work it's gonna go I'm gonna get some

21

00:00:57,400 --> 00:00:55,220

new crewmates and that's going to make

22

00:00:59,440 --> 00:00:57,410

life much better up here we spoke with

23

00:01:01,840 --> 00:00:59,450

Reid Wiseman a few days ago actually a

24

00:01:03,760 --> 00:01:01,850

couple of weeks ago and he seems very

25

00:01:06,370 --> 00:01:03,770

very excited to come up on his very

26

00:01:08,529 --> 00:01:06,380

first spaceflight what do you think is

27

00:01:10,809 --> 00:01:08,539

gonna be the hardest adjustment for him

28

00:01:12,309 --> 00:01:10,819

to make when it comes to living in this

29

00:01:17,410 --> 00:01:12,319

kind of environment for the first time

30

00:01:19,330 --> 00:01:17,420

oh that's a microgravity environment

31

00:01:21,849 --> 00:01:19,340

with everything floating and you just

32

00:01:23,289 --> 00:01:21,859

have to slow down take your time and let

33

00:01:25,809 --> 00:01:23,299

things go because if you try to view

34

00:01:28,599 --> 00:01:25,819

things too quickly up here it's not

35

00:01:29,980 --> 00:01:28,609

going to turn out so well hey Steve it's

36

00:01:32,319 --> 00:01:29,990

bill Harwood at the Kennedy Space Center

37

00:01:33,699 --> 00:01:32,329

you guys have a really busy summer

38

00:01:36,789 --> 00:01:33,709

coming up I guess there's there's two

39

00:01:38,260 --> 00:01:36,799

Russian spacewalks up to three us EVs

40

00:01:40,840 --> 00:01:38,270

and one of those I think includes you

41

00:01:43,300 --> 00:01:40,850

where do things stand on getting the US

42

00:01:46,739 --> 00:01:43,310

Space shoot the EMU issues put to rest

43

00:01:52,239 --> 00:01:50,379

that's a good question on SpaceX three

44

00:01:55,719 --> 00:01:52,249

they just unlocked about a week ago

45

00:01:57,909 --> 00:01:55,729

there are lots of samples from the suits

46

00:02:00,010 --> 00:01:57,919

that were sent down for the engineers to

47

00:02:01,179 --> 00:02:00,020

study once we get the results of that

48

00:02:03,190 --> 00:02:01,189

which hopefully will be within a couple

49

00:02:05,109 --> 00:02:03,200

of weeks we can then hopefully to clear

50

00:02:07,289 --> 00:02:05,119

the suits and there'll be these clothes

51

00:02:09,550 --> 00:02:07,299

to be ready to go at that point

52

00:02:10,990 --> 00:02:09,560

do you anticipate the challenge getting

53

00:02:12,550 --> 00:02:11,000

ready for these EVs I really sound

54

00:02:13,780 --> 00:02:12,560

relatively straightforward but I'm not

55

00:02:18,610 --> 00:02:13,790

sure an EVO you ever

56

00:02:19,869 --> 00:02:18,620

yes I had a true statement even if it

57

00:02:21,819 --> 00:02:19,879

looks straightforward on paper doesn't

58

00:02:23,380 --> 00:02:21,829

mean it's gonna turn out that way so no

59

00:02:24,819 --> 00:02:23,390

we'll prep just like we normally do for

60

00:02:27,339 --> 00:02:24,829

every VA and try to cover all the

61

00:02:29,589 --> 00:02:27,349

contingencies but it'll be fun doing

62

00:02:31,000 --> 00:02:29,599

them we're looking forward to it let me

63

00:02:32,830 --> 00:02:31,010

ask one more real quick one for I pitch

64

00:02:34,780 --> 00:02:32,840

it back to Peter and it's the obligatory

65

00:02:36,069 --> 00:02:34,790

political question these days you know

66

00:02:38,259 --> 00:02:36,079

there's a fair amount of concern down

67

00:02:39,729 --> 00:02:38,269

here in some quarters about the clinical

68

00:02:41,619 --> 00:02:39,739

situation in the wake of the Ukraine

69

00:02:44,349 --> 00:02:41,629

crisis and things that have been said

70

00:02:46,180 --> 00:02:44,359

Russia US sanctions all of that has any

71

00:02:47,410 --> 00:02:46,190

of that had any impact on you and your

72

00:02:52,500 --> 00:02:47,420

crewmates I'm just wondering if you guys

73

00:02:57,160 --> 00:02:55,059

we might talk about a bit more in the

74

00:02:58,660 --> 00:02:57,170

sense of just kind of whether the

75

00:03:00,879 --> 00:02:58,670

politics are doing it does not affect

76

00:03:02,379 --> 00:03:00,889

our working relationship but we're still

77

00:03:05,379 --> 00:03:02,389

good friends so we get along very well

78

00:03:07,330 --> 00:03:05,389

there's no issues at all up here on a

79

00:03:08,710 --> 00:03:07,340

negative basis but we do you know keep

80

00:03:11,280 --> 00:03:08,720

informed in the news and just trying to

81

00:03:14,470 --> 00:03:11,290

follow along so that we are informed

82

00:03:16,000 --> 00:03:14,480

Steve it's Peter King again how much as

83

00:03:18,250 --> 00:03:16,010

you're keeping informed how much

84

00:03:21,699 --> 00:03:18,260

attention do you pay to the rhetoric

85

00:03:23,170 --> 00:03:21,709

that's going on on both sides and how

86

00:03:30,430 --> 00:03:23,180

much do you guys actually talked about

87

00:03:32,650 --> 00:03:30,440

this up there oh I read the news just

88

00:03:34,960 --> 00:03:32,660

like most people do and so that's where

89

00:03:36,759 --> 00:03:34,970

I get it from and it's just a glance

90

00:03:39,670 --> 00:03:36,769

here to see what was happened today or

91

00:03:41,559 --> 00:03:39,680

that kind of information but we don't

92

00:03:43,089 --> 00:03:41,569

talk about it much honestly unless

93

00:03:45,339 --> 00:03:43,099

something new came up wouldn't say that

94

00:03:46,750 --> 00:03:45,349

oh yeah I saw that too yeah well we'll

95

00:03:48,970 --> 00:03:46,760

see what that means because we honestly

96

00:03:51,280 --> 00:03:48,980

don't know for us it's all is the same

97

00:03:54,610 --> 00:03:51,290

for us I mean as in our work day going

98

00:03:57,159 --> 00:03:54,620

on with nothing changes and as a new

99

00:04:00,460 --> 00:03:57,169

commander I'm just wondering if any of

100

00:04:03,369 --> 00:04:00,470

this is a particulars the guy who does

101
00:04:08,890 --> 00:04:03,379
where the commander's stripes if you

102
00:04:11,680 --> 00:04:08,900
will up there no not so far is not been

103
00:04:13,539 --> 00:04:11,690
an issue no so far at all you know we've

104
00:04:14,619 --> 00:04:13,549
not had any issues up here and there are

105
00:04:17,170 --> 00:04:14,629
mission controls are working together

106
00:04:19,629 --> 00:04:17,180
very well too it's all going fine and

107
00:04:21,550 --> 00:04:19,639
smoothly you've got a really busy

108
00:04:24,760 --> 00:04:21,560
increment ahead this summer a lot of

109
00:04:26,600 --> 00:04:24,770
activity a lot of visiting spacecraft

110
00:04:30,850 --> 00:04:26,610
tell us a little bit about that and

111
00:04:36,679 --> 00:04:33,890
yes we have a Cygnus coming up I think

112
00:04:38,659 --> 00:04:36,689
June 13th is when it's going to birth as

113
00:04:40,879 --> 00:04:38,669

that takes a quite a bit of work just to

114

00:04:42,770 --> 00:04:40,889

get everything ready to be unloaded and

115

00:04:44,270 --> 00:04:42,780

then stuff loaded back on to it and then

116

00:04:45,740 --> 00:04:44,280

of course right to practice the grapple

117

00:04:49,249 --> 00:04:45,750

and all the rest of stuff so that will

118

00:04:52,550 --> 00:04:49,259

be a lot of work after that we're going

119

00:04:53,899 --> 00:04:52,560

to have a TV and SpaceX almost come

120

00:04:54,980 --> 00:04:53,909

close to the same time and to come up

121

00:04:56,450 --> 00:04:54,990

that's going to be a lot of work that's

122

00:04:58,490 --> 00:04:56,460

a lot of stuff that comes up on both

123

00:05:00,110 --> 00:04:58,500

those vehicles and the SpaceX vehicles

124

00:05:02,269 --> 00:05:00,120

have a lot of science on them so that

125

00:05:03,980 --> 00:05:02,279

need to get performed and back on SpaceX

126

00:05:06,379 --> 00:05:03,990

and back down so that's always a very

127

00:05:08,209 --> 00:05:06,389

busy time at the same time one of the

128

00:05:10,999 --> 00:05:08,219

things about the experiments is that you

129

00:05:12,890 --> 00:05:11,009

know in many cases they're kind of a

130

00:05:14,510 --> 00:05:12,900

turnkey that is you know there's not a

131

00:05:15,800 --> 00:05:14,520

lot you do because the scientists are

132

00:05:17,839 --> 00:05:15,810

controlling them on the ground or

133

00:05:19,279 --> 00:05:17,849

whatever I'm curious about the kinds of

134

00:05:26,209 --> 00:05:19,289

things that that you're working with

135

00:05:28,939 --> 00:05:26,219

hands on up there well the most hands-on

136

00:05:31,040 --> 00:05:28,949

we do of course are on ourselves we do

137

00:05:33,350 --> 00:05:31,050

many experiments on ourselves from

138

00:05:35,570 --> 00:05:33,360

ultrasounds to I experiment stew all

139

00:05:37,610 --> 00:05:35,580

sorts of things but for other ones right

140

00:05:39,559 --> 00:05:37,620

now I'm actually growing lettuce as an

141

00:05:42,950 --> 00:05:39,569

experiment I have to water it and tend

142

00:05:45,499 --> 00:05:42,960

to it every day hey it's bill Harwood

143

00:05:47,480 --> 00:05:45,509

one more time how important is it gets

144

00:05:49,070 --> 00:05:47,490

good six crew back on board you know

145

00:05:50,180 --> 00:05:49,080

just talking about the science ops I've

146

00:05:51,409 --> 00:05:50,190

always thought that you know there's

147

00:05:56,679 --> 00:05:51,419

only three up there it's pretty hard to

148

00:06:00,649 --> 00:05:59,089

well I'm getting a pretty good amount of

149

00:06:03,230 --> 00:06:00,659

science it's done even right now with

150

00:06:05,959 --> 00:06:03,240

just the three of us it does limit

151

00:06:07,700 --> 00:06:05,969

though quite a bit so with the full

152

00:06:13,159 --> 00:06:07,710

government up here it would definitely

153

00:06:15,290 --> 00:06:13,169

help our science utilization it's back

154

00:06:17,119 --> 00:06:15,300

to Peter again I'm just wondering from a

155

00:06:19,399 --> 00:06:17,129

personal standpoint you know when you're

156

00:06:20,869 --> 00:06:19,409

up there for six months at a time there

157

00:06:22,100 --> 00:06:20,879

are an awful lot of things that you miss

158

00:06:25,189 --> 00:06:22,110

and I'm wondering if you're missing any

159

00:06:30,800 --> 00:06:25,199

important personal or family milestones

160

00:06:32,689 --> 00:06:30,810

while you're there yes I am actually in

161

00:06:35,420 --> 00:06:32,699

about a week my son is going to graduate

162

00:06:37,399 --> 00:06:35,430

from high school and my youngest son and

163

00:06:38,960 --> 00:06:37,409

I'm gonna miss that unfortunately but it

164

00:06:41,090 --> 00:06:38,970

will get to hopefully

165

00:06:44,870 --> 00:06:41,100

Videocon in and get to watch part of it

166

00:06:46,790 --> 00:06:44,880

at least and so that's a little I mean

167

00:06:49,280 --> 00:06:46,800

sad for me but we've talked about it we

168

00:06:52,310 --> 00:06:49,290

both understand it and it will move on

169

00:06:53,360 --> 00:06:52,320

from that point but yeah that's women

170

00:06:55,430 --> 00:06:53,370

the biggest things going on for the

171

00:06:56,780 --> 00:06:55,440

summer well a few weeks ago we had Rick

172

00:06:58,130 --> 00:06:56,790

Mastracchio deliver the commencement

173

00:06:59,930 --> 00:06:58,140

address or at least part of the

174

00:07:01,730 --> 00:06:59,940

commencement address for University of

175

00:07:03,590 --> 00:07:01,740

Connecticut do you have any such thing

176

00:07:08,630 --> 00:07:03,600

planned for your son's high school

177

00:07:11,840 --> 00:07:08,640

graduation no no no I'm just gonna

178

00:07:13,670 --> 00:07:11,850

hopefully get them watching what has

179

00:07:21,170 --> 00:07:13,680

been the most surprising part of your

180

00:07:25,790 --> 00:07:21,180

stay so far that's a good question the

181

00:07:27,200 --> 00:07:25,800

most surprising part of my stay I've

182

00:07:28,970 --> 00:07:27,210

never thought about that one for sure

183

00:07:31,190 --> 00:07:28,980

cuz that we get prepped on almost

184

00:07:33,200 --> 00:07:31,200

everything coming up here so nothing

185

00:07:36,590 --> 00:07:33,210

really has surprised me too much I guess

186

00:07:38,810 --> 00:07:36,600

still how what surprising to me is still

187

00:07:40,730 --> 00:07:38,820

I like a look out that window and still

188

00:07:42,740 --> 00:07:40,740

be amazed every time I look out the

189

00:07:45,680 --> 00:07:42,750

window you think you might grow older

190

00:07:47,810 --> 00:07:45,690

that you don't hey it's bill again let

191

00:07:49,100 --> 00:07:47,820

me just follow that up for a second I'm

192

00:07:50,870 --> 00:07:49,110

always been curious that you know you

193

00:07:52,960 --> 00:07:50,880

have a short duration flight versus a

194

00:07:55,070 --> 00:07:52,970

long duration flight the adaptation to

195

00:07:57,140 --> 00:07:55,080

microgravity how has it been just

196

00:07:58,820 --> 00:07:57,150

adapting to living up there in the

197

00:08:00,470 --> 00:07:58,830

absence of gravity as we know it is it

198

00:08:05,420 --> 00:08:00,480

is it very different from your shuttle

199

00:08:07,010 --> 00:08:05,430

experience it is a little different you

200

00:08:09,500 --> 00:08:07,020

know some experience you say well short

201
00:08:11,180 --> 00:08:09,510
as 14 days approximately and you know

202
00:08:13,250 --> 00:08:11,190
you can deal with anything for 14 days

203
00:08:14,900 --> 00:08:13,260
you know it doesn't matter what is going

204
00:08:16,970 --> 00:08:14,910
on you can just deal with it maybe this

205
00:08:18,560 --> 00:08:16,980
doesn't work maybe you know something's

206
00:08:20,360 --> 00:08:18,570
gonna have issues with this or that and

207
00:08:22,310 --> 00:08:20,370
you can just deal with it and boom

208
00:08:24,170 --> 00:08:22,320
you're back down and no issues or no

209
00:08:25,580 --> 00:08:24,180
problems here though if there is

210
00:08:26,630 --> 00:08:25,590
something coming up you gotta take care

211
00:08:26,990 --> 00:08:26,640
of it you gotta learn how to deal with

212
00:08:30,590 --> 00:08:27,000
it

213
00:08:32,300 --> 00:08:30,600

that can work every day and for a long

214

00:08:35,750 --> 00:08:32,310

period of time it's just like visiting

215

00:08:36,920 --> 00:08:35,760

your country or some other place and you

216

00:08:38,630 --> 00:08:36,930

know maybe your electrical outlet

217

00:08:40,250 --> 00:08:38,640

doesn't work and so for a couple days

218

00:08:41,420 --> 00:08:40,260

you can handle it but if you have to

219

00:08:42,709 --> 00:08:41,430

live there for six months you're gonna

220

00:08:45,530 --> 00:08:42,719

want to get a fix to that you're gonna

221

00:08:47,540 --> 00:08:45,540

solve your problem and it's Peter again

222

00:08:49,430 --> 00:08:47,550

and along those lines is there anything

223

00:08:54,420 --> 00:08:49,440

there that has not lived up to your

224

00:08:59,680 --> 00:08:56,770

no not really I think everything has

225

00:09:02,680 --> 00:08:59,690

done pretty much this as expected it's

226

00:09:04,390 --> 00:09:02,690

an enjoyable time doing the science is

227

00:09:07,060 --> 00:09:04,400

fun and I have work to look enjoy

228

00:09:08,500 --> 00:09:07,070

working with the ground teams and

229

00:09:09,910 --> 00:09:08,510

definitely again I say look out the

230

00:09:12,520 --> 00:09:09,920

window and just floating around or

231

00:09:14,200 --> 00:09:12,530

fantastic things to do okay one last

232

00:09:15,670 --> 00:09:14,210

question this is one I'm personally

233

00:09:17,500 --> 00:09:15,680

curious about because I work a lot of

234

00:09:19,630 --> 00:09:17,510

early mornings and I like an afternoon

235

00:09:21,310 --> 00:09:19,640

nap are you guys allowed to take a quick

236

00:09:27,040 --> 00:09:21,320

nap from time to time during your work

237

00:09:29,020 --> 00:09:27,050

day well if you get ahead you can but

238

00:09:31,420 --> 00:09:29,030

that's a very rare that you get ahead in

239

00:09:33,250 --> 00:09:31,430

your schedule so most likely no we don't

240

00:09:35,370 --> 00:09:33,260

get to do that we have a pretty tight

241

00:09:38,700 --> 00:09:35,380

schedule every day that we work and

242

00:09:41,740 --> 00:09:38,710

there is no nap time scheduled in there

243

00:09:43,090 --> 00:09:41,750

there are no naps in space commander

244

00:09:50,620 --> 00:09:43,100

thank you so much for the time this

245

00:09:53,560 --> 00:09:50,630

afternoon my pleasure station this is

246

00:09:55,600 --> 00:09:53,570

Houston ACR that concludes the CBS Radio

247

00:10:03,720 --> 00:09:55,610

News portion of the event please standby

248

00:10:15,450 --> 00:10:06,270

ABC News did you know how do you hear me

249

00:10:23,050 --> 00:10:19,800

great thank you we'll get going that was

250

00:10:25,780 --> 00:10:23,060

my other success but I think he felt a

251

00:10:26,710 --> 00:10:25,790

part of that and so that meant a lot to

252

00:10:28,510 --> 00:10:26,720

him personally

253

00:10:30,730 --> 00:10:28,520

I know that your foundation is something

254

00:10:32,260 --> 00:10:30,740

you take very seriously yes it is we

255

00:10:36,790 --> 00:10:32,270

give books to children from the time

256

00:10:41,400 --> 00:10:36,800

they're born once a month this is a

257

00:10:45,960 --> 00:10:43,890

hello Gwen I'm Dan plepler in New York

258

00:10:48,600 --> 00:10:45,970

the relationship between the US and

259

00:10:50,700 --> 00:10:48,610

Russia may be tense here on earth but

260

00:10:53,550 --> 00:10:50,710

there is still some cooperation between

261

00:10:55,050 --> 00:10:53,560

both in space there are currently two

262

00:10:56,580 --> 00:10:55,060

American astronauts onboard the

263

00:10:58,440 --> 00:10:56,590

International Space Station living and

264

00:11:00,630 --> 00:10:58,450

working alongside three Russian

265

00:11:03,240 --> 00:11:00,640

cosmonauts so it tell us more about the

266

00:11:05,220 --> 00:11:03,250

relationship and everyday life on the

267

00:11:06,630 --> 00:11:05,230

ISS I want to bring an expedition 40

268

00:11:08,550 --> 00:11:06,640

commander Steve Swanson from the

269

00:11:11,490 --> 00:11:08,560

International Space Station some 230

270

00:11:13,140 --> 00:11:11,500

miles above Earth Steve thanks for being

271

00:11:15,750 --> 00:11:13,150

with us today we really appreciate that

272

00:11:17,820 --> 00:11:15,760

and I wanted to start off you know has

273

00:11:19,560 --> 00:11:17,830

anything changed up there because of

274

00:11:24,990 --> 00:11:19,570

what is going on on the ground here

275

00:11:27,090 --> 00:11:25,000

between Russia and the US no nothing has

276

00:11:34,140 --> 00:11:27,100

changed for us our operations are

277

00:11:35,370 --> 00:11:34,150

continuing just as they always have how

278

00:11:37,530 --> 00:11:35,380

would you then describe the relationship

279

00:11:40,290 --> 00:11:37,540

then between the US astronauts and

280

00:11:45,030 --> 00:11:40,300

cosmonauts is it a rivalry is it is it a

281

00:11:47,190 --> 00:11:45,040

brotherhood in space almost oh it's

282

00:11:48,930 --> 00:11:47,200

definitely a brotherhood in space I mean

283

00:11:51,000 --> 00:11:48,940

we write up on the same rocket together

284

00:11:53,940 --> 00:11:51,010

we train together we've become close

285

00:11:55,500 --> 00:11:53,950

friends and we with not just my this

286

00:11:58,170 --> 00:11:55,510

crew here but other ones we've worked

287

00:11:59,760 --> 00:11:58,180

with before on the ground and so we're

288

00:12:06,300 --> 00:11:59,770

definitely a brotherhood of space

289

00:12:08,100 --> 00:12:06,310

explorers do you talk either among them

290

00:12:10,110 --> 00:12:08,110

ask other fellow astronauts or the

291

00:12:12,510 --> 00:12:10,120

cosmonauts the events that are happening

292

00:12:17,490 --> 00:12:12,520

I hear back on earth at all about the

293

00:12:18,960 --> 00:12:17,500

politics that that's happening yeah we

294

00:12:20,520 --> 00:12:18,970

do talk a little bit about the politics

295

00:12:22,320 --> 00:12:20,530

I mean you almost can't help but it's in

296

00:12:24,540 --> 00:12:22,330

the news and we watch the news and read

297

00:12:26,400 --> 00:12:24,550

the news and so we will talk about it

298

00:12:28,260 --> 00:12:26,410

but we also know that that's politics

299

00:12:34,860 --> 00:12:28,270

and then we also have our job over here

300

00:12:36,240 --> 00:12:34,870

which is not related 230 miles above

301

00:12:38,640 --> 00:12:36,250

Earth everything kind of separates a

302

00:12:40,650 --> 00:12:38,650

little bit now this is this is the

303

00:12:42,420 --> 00:12:40,660

second year this third time you've been

304

00:12:44,160 --> 00:12:42,430

to space station right and the first

305

00:12:48,760 --> 00:12:44,170

time though as a commander how different

306

00:12:52,750 --> 00:12:51,220

well it is quite a bit different and the

307

00:12:54,130 --> 00:12:52,760

first three times were on shuttle

308

00:12:55,570 --> 00:12:54,140

missions and they were short duration

309

00:12:59,769 --> 00:12:55,580

and they were to build a space station

310

00:13:01,360 --> 00:12:59,779

and concentrating on that task now it's

311

00:13:03,040 --> 00:13:01,370

totally different for me in a sense is

312

00:13:06,250 --> 00:13:03,050

that now I'm up here for a long duration

313

00:13:08,860 --> 00:13:06,260

my main task is science up here which is

314

00:13:11,440 --> 00:13:08,870

a big difference and also maintaining

315

00:13:13,150 --> 00:13:11,450

the station on a day to day basis and so

316

00:13:14,620 --> 00:13:13,160

those those aspects are even probably

317

00:13:16,060 --> 00:13:14,630

bigger than just doing the difference

318

00:13:18,120 --> 00:13:16,070

between me and a flight engineer and a

319

00:13:20,440 --> 00:13:18,130

commander as the commander role though

320

00:13:21,670 --> 00:13:20,450

the big difference is of course taking

321

00:13:24,280 --> 00:13:21,680

care of the big picture between the

322

00:13:25,570 --> 00:13:24,290

ground and us on board and making sure

323

00:13:31,000 --> 00:13:25,580

everything is running smoothly in both

324

00:13:32,980 --> 00:13:31,010

places now you went on a spacewalk back

325

00:13:36,070 --> 00:13:32,990

in April it seems that there are more

326

00:13:38,050 --> 00:13:36,080

and more robotic arms going up on the

327

00:13:40,810 --> 00:13:38,060

next kind of equipment runs if you will

328

00:13:42,250 --> 00:13:40,820

will there be fewer spacewalks in in the

329

00:13:48,190 --> 00:13:42,260

future given that robotics is gonna be

330

00:13:51,010 --> 00:13:48,200

playing a larger role well no I think

331

00:13:53,889 --> 00:13:51,020

probably there will be larger robotic

332

00:13:55,269 --> 00:13:53,899

operations but that's good because I

333

00:13:56,800 --> 00:13:55,279

think we're still going to have plenty

334

00:13:58,720 --> 00:13:56,810

of spacewalks to do there's other things

335

00:14:00,220 --> 00:13:58,730

that we can do that it can't do and so

336

00:14:01,389 --> 00:14:00,230

if we didn't have the robotic arm

337

00:14:02,920 --> 00:14:01,399

helping us we'd have almost too many

338

00:14:04,900 --> 00:14:02,930

spacewalks to do and wouldn't get much

339

00:14:09,220 --> 00:14:04,910

else done so it's a great trade-off find

340

00:14:10,750 --> 00:14:09,230

now that we have going alright let me

341

00:14:12,160 --> 00:14:10,760

ask you this and given the fact that it

342

00:14:13,540 --> 00:14:12,170

is your third trip up there and you've

343

00:14:15,550 --> 00:14:13,550

kind of grown accustomed to life on the

344

00:14:22,569 --> 00:14:15,560

ISS but what are you really missing what

345

00:14:24,340 --> 00:14:22,579

are you craving back here on earth I'd

346

00:14:26,260 --> 00:14:24,350

say well of course you know being with

347

00:14:28,210 --> 00:14:26,270

the family and friends and I guess the

348

00:14:30,790 --> 00:14:28,220

first and foremost Sun on your mind all

349

00:14:32,860 --> 00:14:30,800

the time but if you take that one aside

350

00:14:35,920 --> 00:14:32,870

what do you crave most and I would say

351

00:14:38,019 --> 00:14:35,930

that if thing for me is like being able

352

00:14:40,240 --> 00:14:38,029

to cook on my grill outside in the

353

00:14:42,190 --> 00:14:40,250

backyard and put a nice hamburger or a

354

00:14:44,620 --> 00:14:42,200

juicy steak on there and do the whole

355

00:14:48,940 --> 00:14:44,630

things up that way that's what I'm

356

00:14:49,810 --> 00:14:48,950

missing all right well then I won't tell

357

00:14:51,670 --> 00:14:49,820

you the fact we've had some beautiful

358

00:14:55,360 --> 00:14:51,680

weather down here recently in North

359

00:14:57,819 --> 00:14:55,370

America but that being inside you've had

360

00:14:59,500 --> 00:14:57,829

some special social media history from

361

00:15:02,170 --> 00:14:59,510

your time up there at the ISS in fact

362

00:15:04,060 --> 00:15:02,180

because you were the first one to

363

00:15:05,170 --> 00:15:04,070

to Graham from space did you realize

364

00:15:10,930 --> 00:15:05,180

that you were going to be this milestone

365

00:15:13,180 --> 00:15:10,940

maker no I didn't I had no idea that was

366

00:15:19,360 --> 00:15:13,190

happening so I was kind of taking by

367

00:15:20,710 --> 00:15:19,370

surprise about the whole event you're

368

00:15:22,269 --> 00:15:20,720

from Colorado you love the great

369

00:15:24,670 --> 00:15:22,279

outdoors clearly you love barbecuing

370

00:15:26,889 --> 00:15:24,680

grilling outside they're mountain biking

371

00:15:28,660 --> 00:15:26,899

mountain climbing as well obviously you

372

00:15:34,060 --> 00:15:28,670

can't do that in space so what do you do

373

00:15:35,590 --> 00:15:34,070

up there to relax for downtime well I

374

00:15:39,100 --> 00:15:35,600

still work out and that does help me

375

00:15:40,810 --> 00:15:39,110

relax but for other downtime looking at

376

00:15:42,550 --> 00:15:40,820

the window was a number-one downtime you

377

00:15:44,290 --> 00:15:42,560

can have it it's still it's not being

378

00:15:45,550 --> 00:15:44,300

outside but I get to see the some

379

00:15:47,410 --> 00:15:45,560

beautiful scenery it's like you got to

380

00:15:49,570 --> 00:15:47,420

climb to the top of some big mountain

381

00:15:51,280 --> 00:15:49,580

and then you get to look out upon the

382

00:15:53,170 --> 00:15:51,290

valleys and everything below and that's

383

00:15:55,120 --> 00:15:53,180

still a great thing to see so that shows

384

00:15:57,639 --> 00:15:55,130

that relaxed me too besides that a

385

00:16:03,430 --> 00:15:57,649

little watching TV and just hanging out

386

00:16:04,630 --> 00:16:03,440

with the guys watching TV alright what

387

00:16:06,220 --> 00:16:04,640

are your favorite shows then when you

388

00:16:07,780 --> 00:16:06,230

guys are out there you guys I'm assuming

389

00:16:09,070 --> 00:16:07,790

there's one maybe one or a limited

390

00:16:10,480 --> 00:16:09,080

number of television sets up there so

391

00:16:14,860 --> 00:16:10,490

you guys have to kind of agree on what

392

00:16:17,260 --> 00:16:14,870

everyone's going to watch right well we

393

00:16:18,820 --> 00:16:17,270

watch them on our laptops and so you can

394

00:16:20,320 --> 00:16:18,830

if we're watching together well of

395

00:16:23,380 --> 00:16:20,330

course I have to be y'all huddle around

396

00:16:26,650 --> 00:16:23,390

a little laptop screen and we do of

397

00:16:28,750 --> 00:16:26,660

course watch some sports since you know

398

00:16:30,550 --> 00:16:28,760

that's a standard a nice a group

399

00:16:32,560 --> 00:16:30,560

activity to do but there's also some

400

00:16:34,840 --> 00:16:32,570

other shows anywhere from my Game of

401
00:16:40,060 --> 00:16:34,850
Thrones or stuff like that that we watch

402
00:16:41,350 --> 00:16:40,070
together so tell me a little about the

403
00:16:42,640 --> 00:16:41,360
work that you guys are doing up there

404
00:16:48,010 --> 00:16:42,650
what are some of the spirit experiments

405
00:16:49,960 --> 00:16:48,020
that you guys are conducting there's

406
00:16:52,120 --> 00:16:49,970
many experiments this is over 170 so

407
00:16:53,590 --> 00:16:52,130
there's a different types there's ones

408
00:16:54,730 --> 00:16:53,600
that are like outside that we don't even

409
00:16:57,670 --> 00:16:54,740
touch which I think are very interesting

410
00:16:59,410 --> 00:16:57,680
the Alpha Magnetic Spectrometer which is

411
00:17:01,030 --> 00:16:59,420
trying to look for our dark energy and

412
00:17:03,970 --> 00:17:01,040
dark matter and anti-matter which is I

413
00:17:06,640 --> 00:17:03,980

find fascinating there's now we got that

414

00:17:08,530 --> 00:17:06,650

HD camera that's outside looking down

415

00:17:10,419 --> 00:17:08,540

and taking pictures and people can see

416

00:17:13,929 --> 00:17:10,429

it online I think that's great we also

417

00:17:15,970 --> 00:17:13,939

have opals experiment which is trying to

418

00:17:17,830 --> 00:17:15,980

use lasers to communicate to the ground

419

00:17:19,540 --> 00:17:17,840

in a very high bandwidth that's great

420

00:17:23,050 --> 00:17:19,550

inside though we do many other

421

00:17:25,270 --> 00:17:23,060

experiments most of them on right now or

422

00:17:27,460 --> 00:17:25,280

I seem to be on plants and working with

423

00:17:28,870 --> 00:17:27,470

them or on the human body and I'm

424

00:17:30,490 --> 00:17:28,880

working with out on ourselves and trying

425

00:17:32,080 --> 00:17:30,500

to figure out well how we are adapting

426

00:17:37,210 --> 00:17:32,090

and what are our bodies going through

427

00:17:38,560 --> 00:17:37,220

for the changes from living up here so

428

00:17:40,210 --> 00:17:38,570

you guys are actually growing plants up

429

00:17:45,070 --> 00:17:40,220

there like common ordinary everyday

430

00:17:47,740 --> 00:17:45,080

plants yeah right now I'm growing

431

00:17:49,990 --> 00:17:47,750

romaine lettuce and trying to get it to

432

00:17:51,760 --> 00:17:50,000

grow up to be a large plant if we could

433

00:17:53,620 --> 00:17:51,770

possibly eat this is this the first time

434

00:17:54,970 --> 00:17:53,630

we're trying this so I'm actually not

435

00:17:56,740 --> 00:17:54,980

going to get to eat it though I have to

436

00:17:58,690 --> 00:17:56,750

send it back to the ground when they

437

00:18:00,880 --> 00:17:58,700

have to analyze it and check out what

438

00:18:02,560 --> 00:18:00,890

microbes are on it etc and anything

439

00:18:04,300 --> 00:18:02,570

interesting or different about this one

440

00:18:05,890 --> 00:18:04,310

that would cause it to be not edible

441

00:18:07,840 --> 00:18:05,900

so we're kind of taking it safe first

442

00:18:12,520 --> 00:18:07,850

and no but it's starting to look pretty

443

00:18:15,760 --> 00:18:14,410

fascinating well we certainly appreciate

444

00:18:17,950 --> 00:18:15,770

your time and all the work that you guys

445

00:18:19,510 --> 00:18:17,960

are doing up there on the ISSP Swanson

446

00:18:22,750 --> 00:18:19,520

thank you so much we certainly

447

00:18:24,310 --> 00:18:22,760

appreciate that this has been an ABC

448

00:18:25,630 --> 00:18:24,320

News digital special you keep up with

449

00:18:30,070 --> 00:18:25,640

the story in real-time downloading the

450

00:18:32,470 --> 00:18:30,080

ABC News app starring the story station

451

00:18:37,390 --> 00:18:32,480

this is Houston ACR thank you that

452

00:18:40,090 --> 00:18:37,400

concludes the event Thank You CBS Radio

453

00:18:41,410 --> 00:18:40,100

News and ABC News digital station we are

454

00:18:46,480 --> 00:18:41,420

now resuming operational audio