



1
00:00:05,269 --> 00:00:02,310
station this is houston are you ready

2
00:00:05,279 --> 00:00:09,750
yes i'm ready for the event

3
00:00:16,870 --> 00:00:12,070
cbs news this is mission control houston

4
00:00:23,509 --> 00:00:19,189
station this is elaine quijsano with cbs

5
00:00:23,519 --> 00:00:30,230
i have you loud and clear

6
00:00:30,240 --> 00:00:33,510
excellent let's begin

7
00:00:37,830 --> 00:00:35,510
i'd like to start with your background

8
00:00:39,830 --> 00:00:37,840
peggy when you were growing up in iowa i

9
00:00:41,910 --> 00:00:39,840
understand you sold chickens to get your

10
00:00:44,950 --> 00:00:41,920
pilot's license and that a couple of

11
00:00:47,910 --> 00:00:44,960
people told you early on that you should

12
00:00:50,470 --> 00:00:47,920
not pursue a career in science but of

13
00:00:52,869 --> 00:00:50,480

course you went on any way to have a

14

00:00:58,790 --> 00:00:52,879

tremendously impressive career in

15

00:01:02,869 --> 00:01:00,790

well i think i was always lucky in

16

00:01:05,670 --> 00:01:02,879

knowing what i wanted

17

00:01:07,830 --> 00:01:05,680

i pursued my uh goal of becoming an

18

00:01:11,109 --> 00:01:07,840

astronaut in spite of the fact that it

19

00:01:13,830 --> 00:01:11,119

was not very likely to have happened

20

00:01:16,230 --> 00:01:13,840

but i the advice i give young people is

21

00:01:17,990 --> 00:01:16,240

that you have to pursue something

22

00:01:20,070 --> 00:01:18,000

and you have to have fun

23

00:01:22,789 --> 00:01:20,080

along the way and i was i was having a

24

00:01:23,990 --> 00:01:22,799

great time uh i've i've always worked at

25

00:01:25,350 --> 00:01:24,000

nasa

26

00:01:27,190 --> 00:01:25,360

i i

27

00:01:28,710 --> 00:01:27,200

have said i've never had a real job

28

00:01:30,550 --> 00:01:28,720

because i've always done what i really

29

00:01:35,270 --> 00:01:30,560

wanted to do and and that's been the

30

00:01:43,190 --> 00:01:37,270

looking back how have your age and

31

00:01:47,590 --> 00:01:45,109

well i think in preparation for this

32

00:01:49,670 --> 00:01:47,600

flight obviously the experience of

33

00:01:51,990 --> 00:01:49,680

having been a commander before and

34

00:01:53,190 --> 00:01:52,000

having flown for more than a year on

35

00:01:55,510 --> 00:01:53,200

orbit

36

00:01:57,749 --> 00:01:55,520

uh definitely makes the process of

37

00:02:00,469 --> 00:01:57,759

preparing for the space flight a lot

38

00:02:02,389 --> 00:02:00,479

simpler in knowing what items that i

39

00:02:04,550 --> 00:02:02,399

need to worry about versus

40

00:02:06,789 --> 00:02:04,560

you know the things that i'll get when i

41

00:02:09,510 --> 00:02:06,799

get on board or that's just not

42

00:02:15,910 --> 00:02:09,520

important for me to know so i think that

43

00:02:25,190 --> 00:02:17,750

at this age what would you say some of

44

00:02:29,510 --> 00:02:27,990

well i think living in space is uh not a

45

00:02:31,670 --> 00:02:29,520

trivial thing

46

00:02:35,589 --> 00:02:31,680

we've done a fantastic job up here we've

47

00:02:38,309 --> 00:02:35,599

had a human presence for uh 18 years now

48

00:02:40,550 --> 00:02:38,319

uh and which i think is uh somewhat

49

00:02:42,630 --> 00:02:40,560

miraculous that we've been able to keep

50

00:02:43,509 --> 00:02:42,640

humans up here that long

51
00:02:45,270 --> 00:02:43,519
but it

52
00:02:47,110 --> 00:02:45,280
you know every day there's always

53
00:02:50,150 --> 00:02:47,120
something that could go wrong that could

54
00:02:52,470 --> 00:02:50,160
change that whole situation and so we

55
00:02:53,430 --> 00:02:52,480
understand that and we work very very

56
00:02:56,150 --> 00:02:53,440
hard

57
00:02:58,229 --> 00:02:56,160
on the days that are not optimal to fix

58
00:03:00,070 --> 00:02:58,239
whatever it is that's broken and ensure

59
00:03:01,910 --> 00:03:00,080
and maintain the fact

60
00:03:03,990 --> 00:03:01,920
so everything so that we can stay up

61
00:03:05,990 --> 00:03:04,000
here and continue our research i think

62
00:03:07,430 --> 00:03:06,000
our research up here is very important

63
00:03:09,509 --> 00:03:07,440

it's going to

64

00:03:12,149 --> 00:03:09,519

really contribute to

65

00:03:14,550 --> 00:03:12,159

future exploration beyond low earth

66

00:03:17,190 --> 00:03:14,560

orbit when we go to other planets

67

00:03:20,229 --> 00:03:17,200

and so i i really feel that what we're

68

00:03:22,630 --> 00:03:20,239

learning you know from from a very basic

69

00:03:24,710 --> 00:03:22,640

engineering level to a very high level

70

00:03:30,550 --> 00:03:24,720

science level is going to be very

71

00:03:35,030 --> 00:03:32,470

over the course of your career you've

72

00:03:39,509 --> 00:03:35,040

broken a number of records is that your

73

00:03:44,229 --> 00:03:41,670

breaking records has never been my goal

74

00:03:46,070 --> 00:03:44,239

i think it's important that we are

75

00:03:47,430 --> 00:03:46,080

breaking records that you know we're

76

00:03:50,229 --> 00:03:47,440

continually

77

00:03:52,949 --> 00:03:50,239

pushing you know our limits and and

78

00:03:55,910 --> 00:03:52,959

showing that we can extend beyond uh

79

00:03:58,070 --> 00:03:55,920

what we have done before and so i think

80

00:04:03,589 --> 00:03:58,080

breaking records is important

81

00:04:03,599 --> 00:04:09,110

what's your view on age

82

00:04:15,110 --> 00:04:10,949

i wish i didn't have to think about it

83

00:04:18,229 --> 00:04:15,120

too much but space flight's good for age

84

00:04:20,390 --> 00:04:18,239

i have a lot less wrinkles up here

85

00:04:26,469 --> 00:04:20,400

things float it where it's a lot it's a

86

00:04:26,479 --> 00:04:31,749

how do you stay physically fit in space

87

00:04:36,950 --> 00:04:34,390

actually we spend a lot of time staying

88

00:04:39,590 --> 00:04:36,960

physically fit in space it's important

89

00:04:42,629 --> 00:04:39,600

for our bones and muscles without

90

00:04:46,070 --> 00:04:42,639

gravity affecting us we would lose

91

00:04:49,189 --> 00:04:46,080

muscle mass and bone density uh in fact

92

00:04:52,790 --> 00:04:49,199

we would lose bone density uh

93

00:04:55,749 --> 00:04:52,800

faster in a month than a a geriatric

94

00:04:57,350 --> 00:04:55,759

woman on earth would lose bone mass in a

95

00:04:59,430 --> 00:04:57,360

year and so

96

00:05:02,070 --> 00:04:59,440

it's very dramatic and we have to try

97

00:05:03,590 --> 00:05:02,080

very hard to specifically stimulate

98

00:05:06,150 --> 00:05:03,600

those areas

99

00:05:07,510 --> 00:05:06,160

of bone primarily the hips and the lower

100

00:05:09,830 --> 00:05:07,520

back

101
00:05:11,430 --> 00:05:09,840
to try and maintain our bone density

102
00:05:14,230 --> 00:05:11,440
while we're up here

103
00:05:16,550 --> 00:05:14,240
our exercise device it's an advanced

104
00:05:17,350 --> 00:05:16,560
resistive exercise device

105
00:05:19,990 --> 00:05:17,360
it

106
00:05:22,710 --> 00:05:20,000
we pull against resistance and

107
00:05:24,790 --> 00:05:22,720
it's isolated vibrations are isolated

108
00:05:27,029 --> 00:05:24,800
from the station so we don't impact the

109
00:05:28,950 --> 00:05:27,039
experiments on board the station and

110
00:05:31,430 --> 00:05:28,960
it's actually very sophisticated piece

111
00:05:34,230 --> 00:05:31,440
of hardware and it feels very much like

112
00:05:36,230 --> 00:05:34,240
you're on the ground lifting weights

113
00:05:38,070 --> 00:05:36,240

so it's great and then we also have a

114

00:05:39,590 --> 00:05:38,080

treadmill which of course we have to

115

00:05:40,950 --> 00:05:39,600

wear a harness and

116

00:05:43,510 --> 00:05:40,960

and uh

117

00:05:45,909 --> 00:05:43,520

have uh tethers to hold us down to the

118

00:05:47,110 --> 00:05:45,919

treadmill itself because obviously it

119

00:05:49,350 --> 00:05:47,120

would uh

120

00:05:51,270 --> 00:05:49,360

we would just push away and into the

121

00:05:54,870 --> 00:05:51,280

ceiling if we were running and we have a

122

00:05:56,710 --> 00:05:54,880

bike we clip onto the bike and

123

00:06:00,469 --> 00:05:56,720

and cycle much like you would on the

124

00:06:04,870 --> 00:06:02,870

you mentioned lifting weights i read

125

00:06:08,070 --> 00:06:04,880

your hobbies include weight lifting

126

00:06:09,749 --> 00:06:08,080

biking basketball and water skiing why

127

00:06:15,189 --> 00:06:09,759

water skiing and are there any

128

00:06:19,909 --> 00:06:17,670

water skiing is just fun i started doing

129

00:06:21,670 --> 00:06:19,919

it when i was a kid

130

00:06:23,430 --> 00:06:21,680

there was a lake a couple miles from our

131

00:06:25,430 --> 00:06:23,440

house and so it was kind of the

132

00:06:28,469 --> 00:06:25,440

summertime sport for my brother and i

133

00:06:30,550 --> 00:06:28,479

was to go water skiing all the time

134

00:06:31,510 --> 00:06:30,560

so i just i love doing it it's a lot of

135

00:06:33,430 --> 00:06:31,520

fun

136

00:06:39,430 --> 00:06:33,440

i don't get to do it as much these days

137

00:06:46,469 --> 00:06:41,189

what do you do on the space station when

138

00:06:51,469 --> 00:06:49,670

well we have a phenomenal window in the

139

00:06:54,390 --> 00:06:51,479

cupola it's a

140

00:06:56,070 --> 00:06:54,400

360 degree view of the earth it's on the

141

00:06:59,029 --> 00:06:56,080

bottom side of the station so it's

142

00:07:02,150 --> 00:06:59,039

looking down and and we fly pretty most

143

00:07:03,270 --> 00:07:02,160

of the time horizontally over the earth

144

00:07:05,110 --> 00:07:03,280

so that

145

00:07:07,270 --> 00:07:05,120

we're always looking down at the earth

146

00:07:09,430 --> 00:07:07,280

and it's just an incredible view there's

147

00:07:11,189 --> 00:07:09,440

always something new something

148

00:07:13,189 --> 00:07:11,199

even more beautiful than the last time

149

00:07:13,909 --> 00:07:13,199

you might have flown over the caribbean

150

00:07:18,950 --> 00:07:13,919

or

151
00:07:20,870 --> 00:07:18,960
the mediterranean there's always

152
00:07:22,629 --> 00:07:20,880
something incredible the light angle

153
00:07:25,270 --> 00:07:22,639
will be different

154
00:07:26,230 --> 00:07:25,280
and it's just an incredibly beautiful

155
00:07:28,230 --> 00:07:26,240
view

156
00:07:31,189 --> 00:07:28,240
we also have access to

157
00:07:33,029 --> 00:07:31,199
internet protocol phone so we can

158
00:07:35,189 --> 00:07:33,039
actually call home

159
00:07:36,390 --> 00:07:35,199
to friends and family and stay connected

160
00:07:37,909 --> 00:07:36,400
that way

161
00:07:40,070 --> 00:07:37,919
that's obviously something we're not

162
00:07:42,070 --> 00:07:40,080
going to have in future exploration

163
00:07:43,589 --> 00:07:42,080

missions but it makes us feel very

164

00:07:46,790 --> 00:07:43,599

connected here

165

00:07:48,950 --> 00:07:46,800

as well as being able to have uh video

166

00:07:49,909 --> 00:07:48,960

conferences with family and friends as

167

00:07:52,469 --> 00:07:49,919

well

168

00:07:53,749 --> 00:07:52,479

so you feel very connected here we have

169

00:07:55,589 --> 00:07:53,759

an incredible

170

00:07:58,550 --> 00:07:55,599

ground team actually we have ground team

171

00:08:00,150 --> 00:07:58,560

all over the world that keeps us very

172

00:08:03,189 --> 00:08:00,160

connected

173

00:08:04,710 --> 00:08:03,199

and stays help stays on top of us helps

174

00:08:07,830 --> 00:08:04,720

us

175

00:08:09,830 --> 00:08:07,840

keep our getting our job done

176

00:08:13,990 --> 00:08:09,840

as most efficiently and effectively as

177

00:08:16,309 --> 00:08:14,000

we can and given us all the pointers

178

00:08:21,189 --> 00:08:16,319

to help us understand when we don't when

179

00:08:21,199 --> 00:08:27,990

do you have any advice on living strong

180

00:08:33,829 --> 00:08:30,390

do i have any life i didn't hear the end

181

00:08:33,839 --> 00:08:40,550

do you have any advice on living strong

182

00:08:45,430 --> 00:08:43,750

i think it's very important to

183

00:08:47,350 --> 00:08:45,440

to

184

00:08:50,310 --> 00:08:47,360

pursue goals

185

00:08:52,310 --> 00:08:50,320

and in doing that i think you you are

186

00:08:53,110 --> 00:08:52,320

strong um

187

00:08:58,310 --> 00:08:53,120

if

188

00:09:03,110 --> 00:08:58,320

uh that inspire you

189

00:09:06,470 --> 00:09:05,350

all right and um

190

00:09:11,750 --> 00:09:06,480

do you feel as though you have more

191

00:09:15,430 --> 00:09:13,509

i don't know about that we've got a lot

192

00:09:20,710 --> 00:09:15,440

of folks who want to fly in space and i

193

00:09:23,990 --> 00:09:22,550

are you able in the last 30 seconds we

194

00:09:30,310 --> 00:09:24,000

have left to show us a spin my

195

00:09:30,320 --> 00:09:36,230

there's a vertical spoon

196

00:09:36,240 --> 00:09:47,030

and here comes horizon

197

00:09:50,630 --> 00:09:49,030

that's actually one of the most

198

00:09:54,790 --> 00:09:50,640

fun things to do when you're living up

199

00:09:54,800 --> 00:09:57,750

thank you

200

00:10:02,389 --> 00:10:00,070

station this is houston acr that

201
00:10:05,110 --> 00:10:02,399
concludes the cbs news portion of the

202
00:10:10,870 --> 00:10:05,120
event please stand by for a voice check

203
00:10:16,630 --> 00:10:13,269
station copies

204
00:10:27,050 --> 00:10:16,640
you've reached the wftv wrdq control

205
00:10:27,060 --> 00:10:43,269
[Music]

206
00:10:43,279 --> 00:10:50,949
you've reached the wft

207
00:10:57,509 --> 00:10:53,509
station this is vanessa echols from wftv

208
00:11:02,069 --> 00:11:00,389
i have you loud and clear vanessa i have

209
00:11:03,990 --> 00:11:02,079
your love

210
00:11:05,590 --> 00:11:04,000
excellent dr whitson thank you so much

211
00:11:07,829 --> 00:11:05,600
for joining us this afternoon i'm here

212
00:11:10,630 --> 00:11:07,839
in the channel 9 studios in orlando but

213
00:11:12,389 --> 00:11:10,640

i have some young girls here 8th and 9th

214

00:11:14,230 --> 00:11:12,399

graders and they are going to ask you

215

00:11:16,069 --> 00:11:14,240

the question so we are going to start

216

00:11:17,190 --> 00:11:16,079

with tanaya she has the first question

217

00:11:19,150 --> 00:11:17,200

for you

218

00:11:22,150 --> 00:11:19,160

you have been in space for a total of

219

00:11:28,389 --> 00:11:22,160

377 days during that time what was the

220

00:11:32,389 --> 00:11:30,949

um i think probably the hardest thing to

221

00:11:34,150 --> 00:11:32,399

overcome

222

00:11:36,630 --> 00:11:34,160

is uh

223

00:11:41,910 --> 00:11:36,640

the food

224

00:11:44,790 --> 00:11:41,920

a little boring after a while

225

00:11:47,750 --> 00:11:44,800

but really for the most part

226

00:11:49,509 --> 00:11:47,760

being able to live here and work here in

227

00:11:53,509 --> 00:11:49,519

such a different environment is very

228

00:11:57,350 --> 00:11:53,519

special because we

229

00:11:58,949 --> 00:11:57,360

have this unique experience that is so

230

00:12:04,870 --> 00:11:58,959

novel

231

00:12:10,230 --> 00:12:07,750

and the next question comes from alicia

232

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

which stage in your education or career

233

00:12:18,470 --> 00:12:12,560

path did you have to persevere the most

234

00:12:23,430 --> 00:12:20,629

well i i think

235

00:12:24,470 --> 00:12:23,440

in in math i was i had a lot of

236

00:12:26,470 --> 00:12:24,480

challenges

237

00:12:29,670 --> 00:12:26,480

when i was in

238

00:12:31,990 --> 00:12:29,680

high school and especially in college

239

00:12:33,990 --> 00:12:32,000

but i think once i

240

00:12:36,470 --> 00:12:34,000

got into a field of science that i

241

00:12:39,190 --> 00:12:36,480

really really enjoyed everything became

242

00:12:41,670 --> 00:12:39,200

a lot easier for me

243

00:12:43,670 --> 00:12:41,680

and i even learned how to apply that

244

00:12:45,110 --> 00:12:43,680

math that was very difficult along the

245

00:12:46,389 --> 00:12:45,120

way

246

00:12:48,550 --> 00:12:46,399

i think

247

00:12:50,790 --> 00:12:48,560

in becoming an astronaut probably the

248

00:12:52,470 --> 00:12:50,800

most challenging part has actually been

249

00:12:55,190 --> 00:12:52,480

learning russian

250

00:12:57,110 --> 00:12:55,200

i i'm not very skilled at languages and

251
00:13:00,710 --> 00:12:57,120
so that's actually been i think the

252
00:13:03,350 --> 00:13:00,720
hardest thing for me everything else

253
00:13:05,590 --> 00:13:03,360
hasn't maybe not been easy but

254
00:13:08,230 --> 00:13:05,600
it's always been interesting to me

255
00:13:14,069 --> 00:13:08,240
and so i think learning new things has

256
00:13:19,030 --> 00:13:16,629
and the next question comes from hayla

257
00:13:20,790 --> 00:13:19,040
who's in the ninth grade hi i've seen

258
00:13:22,949 --> 00:13:20,800
that you majored in biochemistry and

259
00:13:25,110 --> 00:13:22,959
iowa wrestling in college

260
00:13:29,590 --> 00:13:25,120
what or who made you want to become an

261
00:13:33,990 --> 00:13:31,910
actually when i was nine years old i saw

262
00:13:36,710 --> 00:13:34,000
the first astronauts walk on the moon

263
00:13:39,269 --> 00:13:36,720

and i i thought wow cool job

264

00:13:42,389 --> 00:13:39,279

but i don't think it became a goal of

265

00:13:43,910 --> 00:13:42,399

mine until i graduated from high school

266

00:13:46,150 --> 00:13:43,920

and that was the year they picked the

267

00:13:49,910 --> 00:13:46,160

first female astronauts

268

00:13:52,710 --> 00:13:49,920

and from that point on uh i i pursued

269

00:13:55,990 --> 00:13:52,720

that goal and luckily i had no idea how

270

00:14:01,030 --> 00:13:56,000

hard it would be to become an astronaut

271

00:14:05,110 --> 00:14:03,509

and the next question is from sophia do

272

00:14:11,350 --> 00:14:05,120

you have any advice for young girls

273

00:14:17,189 --> 00:14:13,030

i'm sorry you'll have to repeat that

274

00:14:23,750 --> 00:14:19,110

do you have any advice for young girls

275

00:14:28,470 --> 00:14:26,310

absolutely i i definitely think you

276

00:14:30,310 --> 00:14:28,480

should pursue your goals in the space

277

00:14:31,430 --> 00:14:30,320

program there are tons of different

278

00:14:34,310 --> 00:14:31,440

fields

279

00:14:36,310 --> 00:14:34,320

uh of all the people that work at nasa

280

00:14:38,710 --> 00:14:36,320

any field in math science and

281

00:14:42,829 --> 00:14:38,720

engineering uh there's there are an

282

00:14:46,710 --> 00:14:42,839

incredible variety of jobs at nasa

283

00:14:51,110 --> 00:14:46,720

that uh can help you explore what you

284

00:14:53,189 --> 00:14:51,120

most uh want to do and how it applies uh

285

00:14:55,670 --> 00:14:53,199

to space exploration

286

00:14:59,829 --> 00:14:55,680

so i think if you go online you can look

287

00:15:02,150 --> 00:14:59,839

up uh in nasa educational opportunities

288

00:15:04,550 --> 00:15:02,160

there's uh grants for

289

00:15:06,949 --> 00:15:04,560

young people and

290

00:15:09,670 --> 00:15:06,959

also just lots of different ideas

291

00:15:12,069 --> 00:15:09,680

of the variety of jobs that are

292

00:15:16,710 --> 00:15:12,079

available out there that are related to

293

00:15:20,470 --> 00:15:18,389

and dr whitson i'll ask the next

294

00:15:22,949 --> 00:15:20,480

question and that is as adults what can

295

00:15:25,189 --> 00:15:22,959

we do to stimulate girls interest in

296

00:15:27,189 --> 00:15:25,199

this whole idea of stem science

297

00:15:35,110 --> 00:15:27,199

technology engineering and math what do

298

00:15:41,670 --> 00:15:37,269

i think

299

00:15:43,670 --> 00:15:41,680

that the goals that you can achieve

300

00:15:46,230 --> 00:15:43,680

are going to be

301
00:15:47,910 --> 00:15:46,240
even greater than what you might dream

302
00:15:48,710 --> 00:15:47,920
of

303
00:15:51,110 --> 00:15:48,720
so

304
00:15:53,670 --> 00:15:51,120
you you really should

305
00:15:56,470 --> 00:15:53,680
plan on exceeding even what your

306
00:15:58,150 --> 00:15:56,480
expectations might be but in order to do

307
00:16:00,629 --> 00:15:58,160
that you're going to have to push

308
00:16:03,910 --> 00:16:00,639
yourself very very hard

309
00:16:06,150 --> 00:16:03,920
and and actually try things that might

310
00:16:08,389 --> 00:16:06,160
be more difficult

311
00:16:10,629 --> 00:16:08,399
or beyond your reach

312
00:16:12,949 --> 00:16:10,639
um i never dreamed i would be a

313
00:16:14,949 --> 00:16:12,959

commander on the international space

314

00:16:17,509 --> 00:16:14,959

station and

315

00:16:19,269 --> 00:16:17,519

i made it but i did never dreamed of

316

00:16:21,030 --> 00:16:19,279

that initially i wanted to be an

317

00:16:22,870 --> 00:16:21,040

astronaut and i wanted to do these

318

00:16:24,710 --> 00:16:22,880

things and so

319

00:16:27,509 --> 00:16:24,720

don't underestimate

320

00:16:29,509 --> 00:16:27,519

yourself and what you can achieve

321

00:16:32,389 --> 00:16:29,519

just by pushing yourself

322

00:16:36,550 --> 00:16:32,399

beyond your comfort level so always

323

00:16:40,629 --> 00:16:38,389

and tanaya has the next question for you

324

00:16:41,620 --> 00:16:40,639

again what made you want to go into

325

00:16:46,470 --> 00:16:41,630

biochemistry

326

00:16:51,430 --> 00:16:48,069

i really uh

327

00:16:54,310 --> 00:16:51,440

in high school i really enjoyed biology

328

00:16:56,069 --> 00:16:54,320

and when i went to college i did

329

00:16:57,350 --> 00:16:56,079

started taking a lot of chemistry

330

00:16:59,430 --> 00:16:57,360

classes

331

00:17:02,470 --> 00:16:59,440

and i ended up double majoring in

332

00:17:04,710 --> 00:17:02,480

biology and chemistry and at the end of

333

00:17:06,390 --> 00:17:04,720

my college career i took my first class

334

00:17:09,029 --> 00:17:06,400

in biochemistry and i thought well

335

00:17:11,669 --> 00:17:09,039

that's the perfect melding of two things

336

00:17:18,789 --> 00:17:11,679

i really really like very much and so

337

00:17:27,669 --> 00:17:20,789

other than being an astronaut what job

338

00:17:31,270 --> 00:17:29,590

well before i became an astronaut i

339

00:17:33,909 --> 00:17:31,280

actually worked at the johnson space

340

00:17:35,990 --> 00:17:33,919

center for 10 years it took a lot of

341

00:17:38,630 --> 00:17:36,000

years of applying before i was lucky

342

00:17:41,430 --> 00:17:38,640

enough to be selected but during that

343

00:17:44,310 --> 00:17:41,440

time i held a lot of different positions

344

00:17:46,470 --> 00:17:44,320

at nasa and i found all of those very

345

00:17:48,789 --> 00:17:46,480

challenging

346

00:17:50,870 --> 00:17:48,799

from a scientific level

347

00:17:54,230 --> 00:17:50,880

to a leadership level and i learned a

348

00:17:56,789 --> 00:17:54,240

lot of new things there so

349

00:18:02,150 --> 00:17:56,799

i i think i would still work at nasa

350

00:18:05,190 --> 00:18:03,510

and hey

351

00:18:07,669 --> 00:18:05,200

for your first expedition which i

352

00:18:09,750 --> 00:18:07,679

believe is expedition five how much

353

00:18:16,789 --> 00:18:09,760

training did you go through and what did

354

00:18:23,350 --> 00:18:18,230

i'm sorry i'm going to have to ask you

355

00:18:27,510 --> 00:18:25,190

for your first expedition which i

356

00:18:29,669 --> 00:18:27,520

believe is expedition 5 how much

357

00:18:34,630 --> 00:18:29,679

training did you go through and what did

358

00:18:39,990 --> 00:18:37,430

well actually after i got selected to be

359

00:18:43,350 --> 00:18:40,000

an astronaut we did a couple of years of

360

00:18:45,110 --> 00:18:43,360

just general training and then later i

361

00:18:47,830 --> 00:18:45,120

was selected for a space flight and i

362

00:18:50,230 --> 00:18:47,840

did three years of training

363

00:18:52,150 --> 00:18:50,240

and we we train astronauts because the

364

00:18:55,029 --> 00:18:52,160

astronauts can come from any field in

365

00:18:58,710 --> 00:18:55,039

science math engineering aviation

366

00:19:02,150 --> 00:19:00,310

astronauts tend to have a lot of

367

00:19:03,750 --> 00:19:02,160

different backgrounds and what we try to

368

00:19:05,750 --> 00:19:03,760

do when we bring in the

369

00:19:08,150 --> 00:19:05,760

young astronauts is to give them the

370

00:19:10,230 --> 00:19:08,160

experience base that makes them good or

371

00:19:11,750 --> 00:19:10,240

have some knowledge in all as many of

372

00:19:15,029 --> 00:19:11,760

those areas as

373

00:19:17,430 --> 00:19:15,039

that we can that actually apply to doing

374

00:19:18,950 --> 00:19:17,440

scientific research up here living in an

375

00:19:20,150 --> 00:19:18,960

operationally

376

00:19:22,470 --> 00:19:20,160

um

377

00:19:25,029 --> 00:19:22,480

technical environment uh

378

00:19:27,270 --> 00:19:25,039

and so trying to integrate all those

379

00:19:28,950 --> 00:19:27,280

capabilities and skills together i think

380

00:19:30,950 --> 00:19:28,960

is very important

381

00:19:33,110 --> 00:19:30,960

probably the most fun part of the

382

00:19:35,430 --> 00:19:33,120

training uh with some of the training in

383

00:19:37,590 --> 00:19:35,440

the spacesuit

384

00:19:38,470 --> 00:19:37,600

some of the most challenging as well

385

00:19:39,909 --> 00:19:38,480

but

386

00:19:41,270 --> 00:19:39,919

it was good to

387

00:19:44,150 --> 00:19:41,280

to do that training because it made you

388

00:19:46,630 --> 00:19:44,160

feel like a real astronaut and for me uh

389

00:19:50,070 --> 00:19:46,640

flying in the t-38

390

00:19:53,590 --> 00:19:50,080

is also a very special experience uh and

391

00:19:55,430 --> 00:19:53,600

very unique to the astronaut training

392

00:19:57,750 --> 00:19:55,440

that i would never have had before in

393

00:20:02,470 --> 00:19:57,760

any other situation so

394

00:20:06,390 --> 00:20:04,390

dr whitson unfortunately we are out of

395

00:20:07,990 --> 00:20:06,400

time thank you so much and i know that

396

00:20:10,070 --> 00:20:08,000

you have a birthday this week so we want

397

00:20:13,510 --> 00:20:10,080

to wish you happy birthday as well thank

398

00:20:18,789 --> 00:20:15,669

thank you very much and all of you young

399

00:20:21,029 --> 00:20:18,799

ladies and young people out there i

400

00:20:26,950 --> 00:20:21,039

really encourage you to pursue your

401

00:20:33,990 --> 00:20:29,190

station this is houston acr that

402

00:20:39,270 --> 00:20:36,230

thank you all participants from cbs news

403

00:20:40,789 --> 00:20:39,280

and wf tv orlando station we are now