



1
00:00:47,190 --> 00:00:44,869
it's not a news you want to be loved by

2
00:01:13,429 --> 00:00:47,200
anyone

3
00:01:15,750 --> 00:01:13,439
it's not unused you want to be sad with

4
00:01:18,630 --> 00:01:15,760
anyone

5
00:01:39,190 --> 00:01:18,640
but if i ever find that you changed at

6
00:01:42,950 --> 00:01:41,109
good morning endeavor from the planning

7
00:01:46,550 --> 00:01:42,960
shift it's great to be with you

8
00:01:49,429 --> 00:01:46,560
we're also known now as the atlas flight

9
00:01:51,510 --> 00:01:49,439
as you know paul hill is our planning

10
00:01:53,910 --> 00:01:51,520
shift flight director and this is his

11
00:01:58,550 --> 00:01:53,920
first official mission and earlier today

12
00:03:51,509 --> 00:02:00,069
good morning houston and good morning

13
00:03:56,229 --> 00:03:53,990

dr thomas will you will be the seventh

14

00:03:58,070 --> 00:03:56,239

and final u.s astronaut to live on the

15

00:04:00,470 --> 00:03:58,080

russian space station in view of the

16

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

well-publicized mishaps with the aging

17

00:04:04,710 --> 00:04:02,720

space station last year are you in any

18

00:04:07,750 --> 00:04:04,720

way apprehensive about the next four and

19

00:04:11,110 --> 00:04:09,830

uh no not really i don't think that

20

00:04:12,630 --> 00:04:11,120

there's

21

00:04:14,550 --> 00:04:12,640

safety issues that i need to be

22

00:04:16,390 --> 00:04:14,560

concerned about i think the russians

23

00:04:18,949 --> 00:04:16,400

have done a very good job of stabilizing

24

00:04:21,749 --> 00:04:18,959

the situation on mir following some very

25

00:04:23,990 --> 00:04:21,759

serious situations last year

26
00:04:25,510 --> 00:04:24,000
my concern more is just learning to live

27
00:04:28,070 --> 00:04:25,520
and function for a long time on a

28
00:04:29,749 --> 00:04:28,080
day-to-day basis in conditions which at

29
00:04:31,830 --> 00:04:29,759
times might be difficult it might be

30
00:04:33,430 --> 00:04:31,840
difficult temperatures and

31
00:04:35,189 --> 00:04:33,440
hard work and so on and i think those

32
00:04:36,390 --> 00:04:35,199
are the more realistic concerns that i

33
00:04:38,230 --> 00:04:36,400
have

34
00:04:40,150 --> 00:04:38,240
dr thomas we should point out is an

35
00:04:42,230 --> 00:04:40,160
australian native who has undergone

36
00:04:44,070 --> 00:04:42,240
training at the gagarin cosmonaut

37
00:04:47,670 --> 00:04:44,080
training center in russia how is your

38
00:04:50,310 --> 00:04:48,950

well it's better than i ever thought it

39

00:04:52,790 --> 00:04:50,320

would be then again i thought i would

40

00:04:55,110 --> 00:04:52,800

never need to learn russian

41

00:04:56,710 --> 00:04:55,120

i enjoy learning it i wish it was a

42

00:04:58,550 --> 00:04:56,720

little better i don't have the

43

00:05:01,110 --> 00:04:58,560

spontaneity of language that i have

44

00:05:03,030 --> 00:05:01,120

obviously with english but

45

00:05:04,390 --> 00:05:03,040

i think i can communicate and i can

46

00:05:06,870 --> 00:05:04,400

understand what's being said and that's

47

00:05:09,189 --> 00:05:06,880

the important thing

48

00:05:11,189 --> 00:05:09,199

you've also worked in in your career at

49

00:05:12,870 --> 00:05:11,199

the jet propulsion laboratory do you

50

00:05:16,710 --> 00:05:12,880

have any messages you want to say hello

51
00:05:19,270 --> 00:05:18,070
oh yeah i still have a lot of friends

52
00:05:20,310 --> 00:05:19,280
there it's a number of years since i

53
00:05:22,550 --> 00:05:20,320
worked there

54
00:05:24,390 --> 00:05:22,560
but i enjoyed the time i had there very

55
00:05:26,790 --> 00:05:24,400
much it was a fascinating place to work

56
00:05:29,189 --> 00:05:26,800
and a wonderful place to live and uh i

57
00:05:31,350 --> 00:05:29,199
hope the people there are watching this

58
00:05:33,110 --> 00:05:31,360
flight unfold

59
00:05:34,790 --> 00:05:33,120
very well sir commanding the mission is

60
00:05:36,550 --> 00:05:34,800
marine lieutenant colonel terence

61
00:05:38,230 --> 00:05:36,560
wilcott colonel this is your third

62
00:05:40,950 --> 00:05:38,240
shuttle mission you've already logged to

63
00:05:42,310 --> 00:05:40,960

more than 500 hours in space it's a

64

00:05:45,670 --> 00:05:42,320

little different than flying combat

65

00:05:49,670 --> 00:05:47,830

yes quite a bit as a matter of fact we

66

00:05:52,790 --> 00:05:49,680

don't have anything on here to do any

67

00:05:54,870 --> 00:05:52,800

combat with thank goodness

68

00:05:57,590 --> 00:05:54,880

and uh we'll hope that it continues that

69

00:06:01,749 --> 00:05:57,600

way is it still as thrilling as it must

70

00:06:05,510 --> 00:06:03,990

absolutely you can't i think story

71

00:06:07,430 --> 00:06:05,520

musgrave

72

00:06:09,670 --> 00:06:07,440

put it right when he said that he hated

73

00:06:11,830 --> 00:06:09,680

asset but he loved being in space it's

74

00:06:12,950 --> 00:06:11,840

it's definitely a thrill and i think we

75

00:06:14,390 --> 00:06:12,960

all

76

00:06:15,830 --> 00:06:14,400

view assen as

77

00:06:18,150 --> 00:06:15,840

something we have to go through to get

78

00:06:19,590 --> 00:06:18,160

into space where we do our work

79

00:06:21,110 --> 00:06:19,600

this is air force major michael

80

00:06:23,029 --> 00:06:21,120

anderson's first shuttle mission uh

81

00:06:25,029 --> 00:06:23,039

major describe the liftoff for us and

82

00:06:29,270 --> 00:06:25,039

tell us how it was to to lift off and

83

00:06:32,870 --> 00:06:31,110

well actually i was pretty surprised by

84

00:06:35,029 --> 00:06:32,880

the launch it was a lot smoother than i

85

00:06:36,469 --> 00:06:35,039

had expected there was a little bit of

86

00:06:38,150 --> 00:06:36,479

noise a little bit of vibration but not

87

00:06:40,070 --> 00:06:38,160

nearly as much as i had expected from

88

00:06:41,909 --> 00:06:40,080

watching launches from outside the space

89

00:06:45,270 --> 00:06:41,919

shuttle overall it went by pretty

90

00:06:47,029 --> 00:06:45,280

quickly and uh it was a real nice ride

91

00:06:48,790 --> 00:06:47,039

um getting up on space we had about five

92

00:06:50,950 --> 00:06:48,800

hours before we had to prepare to go to

93

00:06:52,390 --> 00:06:50,960

bed it was a real busy five hours and as

94

00:06:54,309 --> 00:06:52,400

you can imagine when it was time to go

95

00:06:56,550 --> 00:06:54,319

to bed it was very difficult to do

96

00:06:57,990 --> 00:06:56,560

but i grabbed myself a bite to eat and

97

00:06:59,189 --> 00:06:58,000

sat in the commander's chair and looked

98

00:07:00,870 --> 00:06:59,199

out the window and watched the world go

99

00:07:02,390 --> 00:07:00,880

by and eventually managed to catch a few

100

00:07:04,550 --> 00:07:02,400

hours of sleep

101
00:07:07,029 --> 00:07:04,560
also on board his cosmonaut salazan

102
00:07:08,710 --> 00:07:07,039
sharapov uh cosmetic is this your first

103
00:07:12,469 --> 00:07:08,720
trip into space and then what are your

104
00:07:15,749 --> 00:07:14,710
my presence is very great

105
00:07:17,909 --> 00:07:15,759
because

106
00:07:20,710 --> 00:07:17,919
it's very interesting work with

107
00:07:24,710 --> 00:07:20,720
my american colleagues and

108
00:07:28,469 --> 00:07:24,720
in every step every day every hour

109
00:07:31,670 --> 00:07:28,479
i see that american authors can work

110
00:07:34,710 --> 00:07:31,680
hard and they always

111
00:07:37,510 --> 00:07:34,720
show me that americans the best than

112
00:07:41,110 --> 00:07:39,270
i want to say that

113
00:07:57,110 --> 00:07:41,120

russians the same

114

00:08:04,710 --> 00:07:58,790

do you speak better english than dr

115

00:08:09,110 --> 00:08:07,430

i believe sir

116

00:08:11,189 --> 00:08:09,120

we'd like to go back to colonel wilcott

117

00:08:13,189 --> 00:08:11,199

now colonel you're 48 years old older

118

00:08:14,790 --> 00:08:13,199

than the others on the flight i believe

119

00:08:16,469 --> 00:08:14,800

but you were just a kid when john glenn

120

00:08:17,830 --> 00:08:16,479

made his first space flight how do you

121

00:08:20,710 --> 00:08:17,840

feel about having him back in the

122

00:08:25,110 --> 00:08:22,390

i think it's great that i would love to

123

00:08:26,950 --> 00:08:25,120

fly with him

124

00:08:30,390 --> 00:08:26,960

he was at the uh the launch last night

125

00:08:35,430 --> 00:08:33,269

no i have met senator glenn before uh

126

00:08:36,870 --> 00:08:35,440

when he came to houston and received a

127

00:08:38,550 --> 00:08:36,880

lot of briefs on the science that we do

128

00:08:40,790 --> 00:08:38,560

on the shuttle that he and he took that

129

00:08:42,389 --> 00:08:40,800

information back to washington to share

130

00:08:44,389 --> 00:08:42,399

with the other senators

131

00:08:46,630 --> 00:08:44,399

so i've met him he's a very fine and

132

00:08:47,990 --> 00:08:46,640

distinguished gentleman

133

00:08:50,230 --> 00:08:48,000

although it's been said that sending

134

00:08:52,310 --> 00:08:50,240

john glenn back into space is not an

135

00:08:56,710 --> 00:08:52,320

effort to give the u.s space program a

136

00:09:00,150 --> 00:08:58,389

i think so uh

137

00:09:02,310 --> 00:09:00,160

literally 100 of the people i've talked

138

00:09:05,110 --> 00:09:02,320

to think it's a good idea so i think

139

00:09:07,670 --> 00:09:05,120

that but you know nasa we're on sort of

140

00:09:09,910 --> 00:09:07,680

a role anyway we've had with the mars

141

00:09:12,389 --> 00:09:09,920

exploration the shuttle science the mir

142

00:09:14,389 --> 00:09:12,399

program the international space station

143

00:09:15,829 --> 00:09:14,399

uh getting ready to crank up so i don't

144

00:09:18,070 --> 00:09:15,839

think that we really needed the boost

145

00:09:20,790 --> 00:09:18,080

but uh flying serger glenn if that gave

146

00:09:22,710 --> 00:09:20,800

us one then i'm glad to get that one too

147

00:09:24,550 --> 00:09:22,720

briefly can you give us an idea of what

148

00:09:25,750 --> 00:09:24,560

some of the supplies are that you have

149

00:09:33,829 --> 00:09:25,760

on board that you'll be taking to the

150

00:09:37,269 --> 00:09:36,310

well i'm one of them actually i'm one of

151

00:09:39,990 --> 00:09:37,279

the main things that they're going to

152

00:09:42,389 --> 00:09:40,000

transfer to mia and i'll be on mir for

153

00:09:43,350 --> 00:09:42,399

uh four months so to support me in that

154

00:09:45,590 --> 00:09:43,360

period

155

00:09:48,310 --> 00:09:45,600

uh they're taking obviously a lot of

156

00:09:51,590 --> 00:09:48,320

food a lot of water clothing some

157

00:09:52,550 --> 00:09:51,600

equipment that i'll need uh on mir uh to

158

00:09:56,070 --> 00:09:52,560

operate

159

00:09:58,070 --> 00:09:56,080

with the russian systems but also uh a

160

00:09:59,910 --> 00:09:58,080

suite of experiments that i'll be

161

00:10:01,269 --> 00:09:59,920

operating during my time on mir since

162

00:10:03,670 --> 00:10:01,279

that's one of the main functions that

163

00:10:06,230 --> 00:10:03,680

i'll have while i'm up there

164

00:10:07,750 --> 00:10:06,240

the sight of earth from from space uh

165

00:10:09,509 --> 00:10:07,760

we've seen pictures and we know

166

00:10:11,590 --> 00:10:09,519

something of what it looks like but

167

00:10:14,949 --> 00:10:11,600

still nothing of what it feels what did

168

00:10:18,949 --> 00:10:17,110

well it's breathtaking uh pitchers don't

169

00:10:20,710 --> 00:10:18,959

do justice to lay the earth looks uh

170

00:10:22,790 --> 00:10:20,720

with your own eyes from this vantage

171

00:10:25,030 --> 00:10:22,800

point you know it's just a beautiful

172

00:10:26,630 --> 00:10:25,040

place it's just a wonderful creation and

173

00:10:28,949 --> 00:10:26,640

that when i first got my glimpse of

174

00:10:30,949 --> 00:10:28,959

earth from up here it is just

175

00:10:32,790 --> 00:10:30,959

impossible to describe it's a fantastic

176
00:10:35,030 --> 00:10:32,800
view

177
00:10:36,870 --> 00:10:35,040
not i imagine not many um

178
00:10:39,750 --> 00:10:36,880
african-american youngsters when you

179
00:10:42,790 --> 00:10:39,760
were a child actually aspired to

180
00:10:44,550 --> 00:10:42,800
to space travel or space work um how did

181
00:10:47,829 --> 00:10:44,560
you come upon this desire this

182
00:10:51,430 --> 00:10:49,430
well you know i think for me it was a

183
00:10:53,030 --> 00:10:51,440
combination of a number of things my

184
00:10:55,110 --> 00:10:53,040
father was in the air force so my

185
00:10:57,190 --> 00:10:55,120
exposure was to a lot of

186
00:10:59,350 --> 00:10:57,200
high-tech things a lot of airplanes and

187
00:11:00,790 --> 00:10:59,360
a lot of the gadgetry that the air force

188
00:11:03,430 --> 00:11:00,800

had at the time

189

00:11:04,870 --> 00:11:03,440
and also just a uh an interest in

190

00:11:06,710 --> 00:11:04,880
science fiction i was a big science

191

00:11:08,630 --> 00:11:06,720
fiction fan as a kid i watched all kind

192

00:11:10,790 --> 00:11:08,640
of television shows like lost in space

193

00:11:12,230 --> 00:11:10,800
and star trek and i think just from

194

00:11:13,750 --> 00:11:12,240
watching those shows and seeing what

195

00:11:16,150 --> 00:11:13,760
those people are doing and from going to

196

00:11:17,350 --> 00:11:16,160
work with my dad and seeing what he did

197

00:11:18,550 --> 00:11:17,360
just kind of developed a natural

198

00:11:20,710 --> 00:11:18,560
interest in me to want to do something

199

00:11:22,630 --> 00:11:20,720
like that

200

00:11:25,829 --> 00:11:22,640
wonderful commander wilcott this is of

201
00:11:27,110 --> 00:11:25,839
course the third space mission for you

202
00:11:28,870 --> 00:11:27,120
does it get

203
00:11:33,350 --> 00:11:28,880
repetitive for you or does the

204
00:11:37,190 --> 00:11:35,750
we only get to do this about every

205
00:11:39,509 --> 00:11:37,200
year and a half

206
00:11:41,350 --> 00:11:39,519
if you're lucky enough to do that and so

207
00:11:44,069 --> 00:11:41,360
it certainly never gets repetitive it's

208
00:11:45,670 --> 00:11:44,079
exciting every single time

209
00:11:48,630 --> 00:11:45,680
and how did you come to the space

210
00:11:52,150 --> 00:11:49,750
well uh

211
00:11:54,630 --> 00:11:52,160
sort of the same way i also i guess was

212
00:11:56,389 --> 00:11:54,640
always interested in uh in space just

213
00:11:58,949 --> 00:11:56,399

from the uh the science fiction the

214

00:12:01,110 --> 00:11:58,959

movies whatever but i was nearing my the

215

00:12:03,430 --> 00:12:01,120

end of my tour as a test pilot and i was

216

00:12:04,949 --> 00:12:03,440

thinking about what i wanted to do next

217

00:12:06,790 --> 00:12:04,959

a good friend of mine that was already

218

00:12:08,470 --> 00:12:06,800

in the astronaut program

219

00:12:10,069 --> 00:12:08,480

asked me if i would be interested in

220

00:12:11,030 --> 00:12:10,079

that and it seemed like a way to

221

00:12:13,190 --> 00:12:11,040

continue

222

00:12:15,190 --> 00:12:13,200

uh really the work that you do as a test

223

00:12:17,350 --> 00:12:15,200

pilot and you get to work with a lot of

224

00:12:19,590 --> 00:12:17,360

very very bright young engineers and

225

00:12:21,910 --> 00:12:19,600

scientists and and so it seemed like

226

00:12:24,550 --> 00:12:21,920

something i'd be interested in

227

00:12:26,790 --> 00:12:24,560

dr andy thomas you're uh

228

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

as i understand it the last person the

229

00:12:30,470 --> 00:12:28,480

shuttle will deliver to the space

230

00:12:33,269 --> 00:12:30,480

station mirror before the construction

231

00:12:36,550 --> 00:12:33,279

begins on the on the new international

232

00:12:40,150 --> 00:12:36,560

space station what exactly will you do

233

00:12:43,829 --> 00:12:40,160

or will be doing between now and then to

234

00:12:47,590 --> 00:12:43,839

prepare for the construction uh of uh

235

00:12:51,430 --> 00:12:49,509

well you're correct i will be the last

236

00:12:53,750 --> 00:12:51,440

u.s representative on the mere space

237

00:12:54,470 --> 00:12:53,760

station following six predecessors who

238

00:12:57,269 --> 00:12:54,480

have

239

00:12:59,670 --> 00:12:57,279

all done very good jobs under some

240

00:13:01,350 --> 00:12:59,680

sometimes very trying circumstances i'll

241

00:13:02,550 --> 00:13:01,360

be spending my time on the mere space

242

00:13:03,350 --> 00:13:02,560

station

243

00:13:05,110 --> 00:13:03,360

uh

244

00:13:07,670 --> 00:13:05,120

running a suite of experiments that are

245

00:13:09,590 --> 00:13:07,680

from u.s sponsorship uh looking at the

246

00:13:10,949 --> 00:13:09,600

effect mostly of long-duration space

247

00:13:12,870 --> 00:13:10,959

flight on

248

00:13:14,710 --> 00:13:12,880

the behavior of the human body

249

00:13:17,030 --> 00:13:14,720

and i'll also be supporting the

250

00:13:18,949 --> 00:13:17,040

cosmonauts in operating and maintaining

251

00:13:21,590 --> 00:13:18,959

the space station and

252

00:13:23,509 --> 00:13:21,600

keeping it flying so i expected to be uh

253

00:13:24,949 --> 00:13:23,519

pretty busy during my time there and

254

00:13:26,470 --> 00:13:24,959

that kind of experience obviously is

255

00:13:27,990 --> 00:13:26,480

going to feed directly into the

256

00:13:30,150 --> 00:13:28,000

international space station because it's

257

00:13:31,509 --> 00:13:30,160

going to give us guidance on how you

258

00:13:33,269 --> 00:13:31,519

should operate one of these large

259

00:13:35,350 --> 00:13:33,279

orbiting vehicles

260

00:13:38,230 --> 00:13:35,360

major anderson back to you again if

261

00:13:40,710 --> 00:13:38,240

there is one space mission either

262

00:13:42,389 --> 00:13:40,720

conceived or yet not conceived that

263

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

you'd like to be on

264

00:13:47,670 --> 00:13:43,920

and you'd like to be a part of what

265

00:13:51,269 --> 00:13:49,750

i think that's an easy question for me i

266

00:13:52,949 --> 00:13:51,279

always thought it'd be nice to uh to go

267

00:13:54,550 --> 00:13:52,959

to mars and that's something that i

268

00:13:56,550 --> 00:13:54,560

think the space program is going to be

269

00:13:58,150 --> 00:13:56,560

looking uh rather closely at very soon

270

00:13:59,350 --> 00:13:58,160

here and that's something that i think

271

00:14:01,189 --> 00:13:59,360

every astronaut in the program would

272

00:14:03,350 --> 00:14:01,199

really like to be a part of you know a

273

00:14:04,710 --> 00:14:03,360

trip to another planet to explore that

274

00:14:06,389 --> 00:14:04,720

planet and see what's out there is