



1
00:00:09,430 --> 00:00:07,430
buddy welcome welcome to space center

2
00:00:12,230 --> 00:00:09,440
houston good to see you all great crowd

3
00:00:13,589 --> 00:00:12,240
welcome to this uh group uh from india

4
00:00:16,070 --> 00:00:13,599
uh give them a round of applause for

5
00:00:18,230 --> 00:00:16,080
being here and

6
00:00:22,150 --> 00:00:18,240
making space truly an international

7
00:00:23,750 --> 00:00:22,160
experience um for me this uh began about

8
00:00:27,269 --> 00:00:23,760
a year ago was actually i looked at my

9
00:00:29,830 --> 00:00:27,279
calendar it was december 22nd 2008.

10
00:00:31,750 --> 00:00:29,840
i had just been fired a couple of weeks

11
00:00:33,990 --> 00:00:31,760
prior from cnn and

12
00:00:36,310 --> 00:00:34,000
i had a lot of free time on my hands and

13
00:00:38,470 --> 00:00:36,320

i was wondering what to do with my life

14

00:00:40,790 --> 00:00:38,480

and i ran into scott perezinski at grand

15

00:00:43,670 --> 00:00:40,800

central terminal in new york city he

16

00:00:44,709 --> 00:00:43,680

came up to my shoe sign stand and asked

17

00:00:46,389 --> 00:00:44,719

asked for

18

00:00:48,950 --> 00:00:46,399

spit shine i gave it to him he gave me a

19

00:00:50,630 --> 00:00:48,960

nice tip and bought me lunch and we

20

00:00:52,790 --> 00:00:50,640

talked a little bit about

21

00:00:55,510 --> 00:00:52,800

his attempt to go to everest the

22

00:00:58,869 --> 00:00:55,520

previous year where he came ever so

23

00:01:02,229 --> 00:00:58,879

close to reaching the summit uh but a um

24

00:01:03,990 --> 00:01:02,239

yeah it was sad it was a terrible thing

25

00:01:05,670 --> 00:01:04,000

he was doing just that as a matter of

26

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

fact when his

27

00:01:10,310 --> 00:01:07,840

his back gave out and he had to turn

28

00:01:11,830 --> 00:01:10,320

back you got as far as three

29

00:01:14,070 --> 00:01:11,840

camp three which is you know really

30

00:01:16,070 --> 00:01:14,080

that's the last step before you get to

31

00:01:18,149 --> 00:01:16,080

the summit and he didn't make it and so

32

00:01:20,550 --> 00:01:18,159

we talked at lunch about how

33

00:01:22,390 --> 00:01:20,560

what a shame that was and uh you know

34

00:01:24,789 --> 00:01:22,400

gosh i'm available now i'd like to at

35

00:01:26,149 --> 00:01:24,799

least get to base camp and let's see if

36

00:01:27,990 --> 00:01:26,159

we can cook up a deal where we get this

37

00:01:29,590 --> 00:01:28,000

sponsor we'll you know make it a viral

38

00:01:31,830 --> 00:01:29,600

experience on the web and on and on and

39

00:01:33,350 --> 00:01:31,840

on well we executed everything about

40

00:01:35,910 --> 00:01:33,360

that except for the fact i didn't get to

41

00:01:37,590 --> 00:01:35,920

go i ended up being mission control

42

00:01:39,109 --> 00:01:37,600

which meant i sat in my laundry room in

43

00:01:40,950 --> 00:01:39,119

new york the whole time

44

00:01:42,710 --> 00:01:40,960

uh because i had another project

45

00:01:44,870 --> 00:01:42,720

unfortunately this is the world of being

46

00:01:46,230 --> 00:01:44,880

a freelancer and and this project taught

47

00:01:48,389 --> 00:01:46,240

me a little bit about freelancing it's

48

00:01:51,429 --> 00:01:48,399

an emphasis on free but that's that's

49

00:01:53,590 --> 00:01:51,439

another story we did in fact

50

00:01:55,749 --> 00:01:53,600

experience a great response in the web

51
00:01:57,590 --> 00:01:55,759
literally millions and millions of

52
00:01:59,350 --> 00:01:57,600
impressions images

53
00:02:01,350 --> 00:01:59,360
on some of these video chats we did the

54
00:02:03,910 --> 00:02:01,360
blogging the entire experience was

55
00:02:06,069 --> 00:02:03,920
really shared by the world in ways that

56
00:02:08,949 --> 00:02:06,079
you couldn't possibly have shared in

57
00:02:09,830 --> 00:02:08,959
everest summit even just a few years ago

58
00:02:12,550 --> 00:02:09,840
um

59
00:02:15,190 --> 00:02:12,560
may 20th 2009 scott did it second time

60
00:02:16,949 --> 00:02:15,200
was a charm got up early to beat the

61
00:02:18,790 --> 00:02:16,959
rush because you know if anybody who's

62
00:02:20,790 --> 00:02:18,800
seen into thin air you know you want to

63
00:02:22,229 --> 00:02:20,800

get up there before the the rush hour so

64

00:02:24,470 --> 00:02:22,239

to speak on everett

65

00:02:28,550 --> 00:02:24,480

he summoned and um

66

00:02:29,750 --> 00:02:28,560

it was um a great experience and uh it

67

00:02:31,350 --> 00:02:29,760

turns out that there was a little

68

00:02:33,670 --> 00:02:31,360

special something that he was carrying

69

00:02:34,949 --> 00:02:33,680

with him besides his desire to get there

70

00:02:37,509 --> 00:02:34,959

and that were

71

00:02:39,190 --> 00:02:37,519

that was these tiny little moon rocks

72

00:02:43,830 --> 00:02:39,200

which neil armstrong picked up on the

73

00:02:45,910 --> 00:02:43,840

moon uh on july 20th 1969. so um that

74

00:02:48,470 --> 00:02:45,920

was kind of cool to have the moon rocks

75

00:02:50,390 --> 00:02:48,480

and everest and he picked up a rock and

76
00:02:51,830 --> 00:02:50,400
thus was hatched this whole idea where

77
00:02:53,030 --> 00:02:51,840
should these rocks be of course they

78
00:02:54,949 --> 00:02:53,040
should be

79
00:02:56,949 --> 00:02:54,959
at the international space station and

80
00:02:58,630 --> 00:02:56,959
why not in the tranquility module and

81
00:03:00,470 --> 00:02:58,640
why not in the cupola which has the best

82
00:03:02,470 --> 00:03:00,480
view of earth what a good place for this

83
00:03:04,470 --> 00:03:02,480
all to be and so

84
00:03:06,149 --> 00:03:04,480
we have not just the person who uh

85
00:03:07,589 --> 00:03:06,159
carried the moon rock and picked up the

86
00:03:08,470 --> 00:03:07,599
everest rock but we have the courier

87
00:03:09,910 --> 00:03:08,480
here

88
00:03:12,710 --> 00:03:09,920

he's an astronaut

89

00:03:13,990 --> 00:03:12,720

he's a shuttle commander he is a marine

90

00:03:15,030 --> 00:03:14,000

colonel

91

00:03:19,030 --> 00:03:15,040

and we're still going to give him the

92

00:03:22,949 --> 00:03:21,190

george zamka they call him zambo is

93

00:03:24,309 --> 00:03:22,959

going to lead the next mission they're

94

00:03:25,910 --> 00:03:24,319

they're in the final stages of their

95

00:03:28,229 --> 00:03:25,920

training their time is very precious so

96

00:03:29,990 --> 00:03:28,239

we're glad to have him here to receive

97

00:03:32,550 --> 00:03:30,000

rocks take them up to the space station

98

00:03:33,910 --> 00:03:32,560

where what better place for them to live

99

00:03:35,430 --> 00:03:33,920

and be so

100

00:03:37,830 --> 00:03:35,440

without further ado i want to introduce

101
00:03:39,430 --> 00:03:37,840
my friend scott parazynski who will do

102
00:03:41,270 --> 00:03:39,440
the handoff and we're going to hear a

103
00:03:42,789 --> 00:03:41,280
little bit about his adventure as well

104
00:03:48,070 --> 00:03:42,799
give him a round of applause

105
00:03:51,270 --> 00:03:49,750
thank you very much it's a thrill to

106
00:03:52,949 --> 00:03:51,280
have all of you here especially the

107
00:03:54,869 --> 00:03:52,959
space school from india it's a thrill to

108
00:03:56,390 --> 00:03:54,879
have you as part of this and the folks

109
00:03:59,110 --> 00:03:56,400
that are watching on the web and later

110
00:04:01,750 --> 00:03:59,120
this afternoon on nasa tv welcome

111
00:04:04,470 --> 00:04:01,760
um i'd like to start off by uh

112
00:04:07,429 --> 00:04:04,480
acknowledging my uh voice actuated mouse

113
00:04:10,470 --> 00:04:07,439

uh miles o'brien here he is here uh as

114

00:04:12,949 --> 00:04:10,480

seen from his uh his laundry room uh

115

00:04:15,509 --> 00:04:12,959

miles doesn't get out very much uh

116

00:04:18,390 --> 00:04:15,519

when when we proposed this uh idea hatch

117

00:04:19,909 --> 00:04:18,400

this plan miles's wife sandy said no no

118

00:04:22,310 --> 00:04:19,919

you're not going you're gonna pay the

119

00:04:23,830 --> 00:04:22,320

bills and uh i'm gonna lock you in the

120

00:04:25,030 --> 00:04:23,840

in the uh the laundry room until these

121

00:04:26,950 --> 00:04:25,040

guys get back

122

00:04:30,710 --> 00:04:26,960

so unfortunately miles wasn't able to

123

00:04:33,430 --> 00:04:30,720

join us uh for the expedition uh in

124

00:04:35,590 --> 00:04:33,440

nepal but he was a huge support uh for

125

00:04:37,110 --> 00:04:35,600

the the science technology

126
00:04:39,189 --> 00:04:37,120
engineering and math outreach that we

127
00:04:40,629 --> 00:04:39,199
did as well as to to teachers and just

128
00:04:42,550 --> 00:04:40,639
the general public around the world

129
00:04:44,070 --> 00:04:42,560
during our expedition so it really meant

130
00:04:46,629 --> 00:04:44,080
a lot to me to have you have you there

131
00:04:49,830 --> 00:04:46,639
miles and thanks um it was really funny

132
00:04:51,670 --> 00:04:49,840
one day uh miles was all all chipper and

133
00:04:53,590 --> 00:04:51,680
he had a little bit different backdrop

134
00:04:55,670 --> 00:04:53,600
turns out he was at the econo lodge in

135
00:04:57,030 --> 00:04:55,680
cleveland and sandy had let him out for

136
00:04:59,590 --> 00:04:57,040
the day but uh that was the only

137
00:05:00,710 --> 00:04:59,600
excitement that he had i think during it

138
00:05:03,270 --> 00:05:00,720

you can call that an upgrade for the

139

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

laundry room yeah yeah exactly

140

00:05:07,590 --> 00:05:05,120

uh my other friend here is mr keith

141

00:05:10,310 --> 00:05:07,600

cowing uh you may recognize the name

142

00:05:13,430 --> 00:05:10,320

from spaceref.com and nasawatch.com

143

00:05:15,670 --> 00:05:13,440

where is keith uh stand up

144

00:05:18,870 --> 00:05:15,680

there go ahead stand up keith

145

00:05:20,230 --> 00:05:18,880

i'm sorry i'm sorry you're bad

146

00:05:22,469 --> 00:05:20,240

that that might have come off as a

147

00:05:24,629 --> 00:05:22,479

little bit of a mean-spirited jab but

148

00:05:26,390 --> 00:05:24,639

there's a story behind it unfortunately

149

00:05:28,870 --> 00:05:26,400

the the brunt of the joke is me

150

00:05:31,270 --> 00:05:28,880

uh but right before our summit push

151

00:05:32,870 --> 00:05:31,280

we dropped down to low altitude to 13

152

00:05:36,070 --> 00:05:32,880

000 feet a little village called fairy

153

00:05:39,029 --> 00:05:36,080

che to get uh hydrated to get some solid

154

00:05:40,550 --> 00:05:39,039

meals to rest and recover and uh you may

155

00:05:41,909 --> 00:05:40,560

not know this but the sherpa people are

156

00:05:44,310 --> 00:05:41,919

a little bit shorter

157

00:05:46,550 --> 00:05:44,320

than me in general i'm a kind of a big

158

00:05:49,189 --> 00:05:46,560

goon and so the door jambs were right at

159

00:05:52,390 --> 00:05:49,199

six feet and i repeatedly

160

00:05:54,550 --> 00:05:52,400

whacked my head on on the door and i

161

00:05:57,189 --> 00:05:54,560

keith gleefully

162

00:05:59,590 --> 00:05:57,199

enjoyed that every time i did it

163

00:06:00,790 --> 00:05:59,600

but keith is an amazing guy he's a huge

164

00:06:02,790 --> 00:06:00,800

advocate for

165

00:06:04,629 --> 00:06:02,800

the human and robotic exploration of

166

00:06:06,629 --> 00:06:04,639

space

167

00:06:08,870 --> 00:06:06,639

he also is a member of the challenger

168

00:06:11,029 --> 00:06:08,880

center for space science education board

169

00:06:13,270 --> 00:06:11,039

along with miles and myself and this is

170

00:06:15,189 --> 00:06:13,280

an organization that has 47

171

00:06:16,870 --> 00:06:15,199

learning centers around the country that

172

00:06:17,909 --> 00:06:16,880

encourage kids to pursue math and

173

00:06:21,270 --> 00:06:17,919

science

174

00:06:23,350 --> 00:06:21,280

and careers in technology and uh really

175

00:06:25,350 --> 00:06:23,360

excite kids through the adventure of a

176

00:06:28,390 --> 00:06:25,360

mission either to the moon or a comet or

177

00:06:30,629 --> 00:06:28,400

mars or places beyond so we feel very

178

00:06:31,990 --> 00:06:30,639

very strongly this is a wonderful

179

00:06:34,550 --> 00:06:32,000

organization and

180

00:06:35,909 --> 00:06:34,560

encourage you to find out more about it

181

00:06:37,990 --> 00:06:35,919

um

182

00:06:39,110 --> 00:06:38,000

keith is also as you as you may have

183

00:06:41,270 --> 00:06:39,120

read uh

184

00:06:42,550 --> 00:06:41,280

uh on his website it's a little bit

185

00:06:43,749 --> 00:06:42,560

thorny on occasion if we could have the

186

00:06:45,670 --> 00:06:43,759

next slide

187

00:06:48,070 --> 00:06:45,680

but uh i've found uh kind of his

188

00:06:51,670 --> 00:06:48,080

kryptonite

189

00:06:53,510 --> 00:06:51,680

keith keith is deadly afraid of yaks so

190

00:06:56,150 --> 00:06:53,520

uh this is the closest i could ever get

191

00:06:57,830 --> 00:06:56,160

him to approach a yak this yak was as as

192

00:06:59,670 --> 00:06:57,840

docile as you'll ever meet you could

193

00:07:01,749 --> 00:06:59,680

pull his tail jump on his back whatever

194

00:07:05,110 --> 00:07:01,759

but this is as close as i could get him

195

00:07:07,510 --> 00:07:05,120

to take a photograph of the yak but

196

00:07:10,790 --> 00:07:07,520

unfortunately it is true but

197

00:07:13,830 --> 00:07:10,800

but uh why are we here today um let me

198

00:07:15,350 --> 00:07:13,840

let me explain my motivation for this um

199

00:07:18,230 --> 00:07:15,360

i consider myself

200

00:07:19,990 --> 00:07:18,240

to have lived an incredibly charmed life

201

00:07:22,629 --> 00:07:20,000

i i don't know why i don't feel

202

00:07:24,950 --> 00:07:22,639

especially uh worthy of uh such good

203

00:07:27,510 --> 00:07:24,960

fortune but you know i was born in this

204

00:07:30,710 --> 00:07:27,520

this great country of ours and uh i grew

205

00:07:32,469 --> 00:07:30,720

up in the in the shadows of many heroes

206

00:07:36,469 --> 00:07:32,479

john glenn

207

00:07:41,270 --> 00:07:38,309

neil armstrong and

208

00:07:43,830 --> 00:07:41,280

buzz aldrin mike collins and then sir

209

00:07:45,830 --> 00:07:43,840

edmund hillary and tenzing norgay sherpa

210

00:07:49,589 --> 00:07:45,840

these were folks that i really looked up

211

00:07:52,710 --> 00:07:49,599

to as a kid and uh here i am uh at age

212

00:07:54,710 --> 00:07:52,720

five uh with high aspirations even then

213

00:07:57,990 --> 00:07:54,720

um but it really is uh great to be able

214

00:07:59,189 --> 00:07:58,000

to grow and grow up in a country where

215

00:08:02,150 --> 00:07:59,199

you can

216

00:08:04,710 --> 00:08:02,160

basically walk in the paths of

217

00:08:06,710 --> 00:08:04,720

these these types of people um

218

00:08:09,510 --> 00:08:06,720

you know neil and and sir edmund hillary

219

00:08:12,070 --> 00:08:09,520

in particular uh were huge inspirations

220

00:08:13,510 --> 00:08:12,080

to me i read all about their exploits

221

00:08:15,350 --> 00:08:13,520

and one thing that i learned is that

222

00:08:17,510 --> 00:08:15,360

they grew to become close friends later

223

00:08:19,589 --> 00:08:17,520

in life they had in fact traveled to the

224

00:08:21,909 --> 00:08:19,599

south pole together and stayed in close

225

00:08:23,909 --> 00:08:21,919

touch up until sir edmund's death not

226

00:08:25,270 --> 00:08:23,919

too long ago so one of the things i

227

00:08:28,710 --> 00:08:25,280

wanted to do

228

00:08:32,310 --> 00:08:30,230

pay tribute uh

229

00:08:34,630 --> 00:08:32,320

to great explorers was to take a small

230

00:08:36,070 --> 00:08:34,640

sample of the moon with me uh to the top

231

00:08:38,310 --> 00:08:36,080

of everest and then bring back an

232

00:08:39,589 --> 00:08:38,320

everest summit rock and and display it

233

00:08:40,870 --> 00:08:39,599

in some fashion

234

00:08:44,470 --> 00:08:40,880

and

235

00:08:46,949 --> 00:08:44,480

apollo 11 sample i thought well maybe

236

00:08:48,710 --> 00:08:46,959

they'd give me uh

237

00:08:49,990 --> 00:08:48,720

apollo 17 or

238

00:08:50,949 --> 00:08:50,000

some other mission but they actually

239

00:08:51,750 --> 00:08:50,959

gave me

240

00:08:53,509 --> 00:08:51,760

some

241

00:08:55,030 --> 00:08:53,519

apollo 11 samples here that you can see

242

00:08:57,030 --> 00:08:55,040

after the presentation

243

00:08:58,470 --> 00:08:57,040

and so it was a real honor to have those

244

00:08:59,670 --> 00:08:58,480

with me but i was terrified i was going

245

00:09:01,990 --> 00:08:59,680

to lose them

246

00:09:03,509 --> 00:09:02,000

so one of the things that i did

247

00:09:04,389 --> 00:09:03,519

before going to the summit i was afraid

248

00:09:05,990 --> 00:09:04,399

that

249

00:09:07,829 --> 00:09:06,000

up on the summit of the mountain wearing

250

00:09:10,150 --> 00:09:07,839

these huge mitts i would drop this

251

00:09:11,750 --> 00:09:10,160

little quarter-sized sample and then

252

00:09:13,509 --> 00:09:11,760

nasa would be after me for the rest of

253

00:09:14,870 --> 00:09:13,519

my life

254

00:09:16,870 --> 00:09:14,880

and they wouldn't believe me that it

255

00:09:19,670 --> 00:09:16,880

fell down a 10 000 foot

256

00:09:22,070 --> 00:09:19,680

face so i i built this very fancy

257

00:09:24,389 --> 00:09:22,080

enclosure and of course all astronaut

258

00:09:26,630 --> 00:09:24,399

innovations involve gray tape

259

00:09:28,870 --> 00:09:26,640

so this is actually gray tape and then

260

00:09:30,710 --> 00:09:28,880

two pringles lids we had lots and lots

261

00:09:33,030 --> 00:09:30,720

of pringles at everest base camp and it

262

00:09:33,990 --> 00:09:33,040

did a very nice job for uh

263

00:09:35,590 --> 00:09:34,000

for the

264

00:09:37,670 --> 00:09:35,600

carrying the the gear

265

00:09:39,269 --> 00:09:37,680

so next slide uh

266

00:09:41,509 --> 00:09:39,279

i'm not going to tell you about how i

267

00:09:42,790 --> 00:09:41,519

single-handedly conquered mount everest

268

00:09:44,470 --> 00:09:42,800

and in fact what i'm going to tell you

269

00:09:46,310 --> 00:09:44,480

about is that it's an incredible team

270

00:09:48,150 --> 00:09:46,320

effort and i wanted to tell you about a

271

00:09:49,350 --> 00:09:48,160

team that i was a part of and very proud

272

00:09:51,269 --> 00:09:49,360

to be a part of

273

00:09:53,430 --> 00:09:51,279

with george here and i also have a

274

00:09:54,949 --> 00:09:53,440

couple of my former crewmates pam and

275

00:09:59,910 --> 00:09:54,959

dan if you want to stand up and i've

276

00:10:04,389 --> 00:10:01,990

it's great to have them here as well

277

00:10:07,509 --> 00:10:04,399

but this is an amazing crew and an

278

00:10:09,509 --> 00:10:07,519

amazing flight uh to basically install a

279

00:10:10,870 --> 00:10:09,519

new module called harmony or node two

280

00:10:12,870 --> 00:10:10,880

very similar to what george is gonna

281

00:10:14,550 --> 00:10:12,880

take up on his upcoming flight this is

282

00:10:15,910 --> 00:10:14,560

called tranquility

283

00:10:17,750 --> 00:10:15,920

uh one of the things that happened

284

00:10:20,870 --> 00:10:17,760

though during the flight is uh one of

285

00:10:23,670 --> 00:10:20,880

the solar rays became torn during uh the

286

00:10:25,190 --> 00:10:23,680

redeployment of the p-6 solar rays so it

287

00:10:28,069 --> 00:10:25,200

was really one of the high points i

288

00:10:31,350 --> 00:10:28,079

think of nasa's history to come together

289

00:10:33,190 --> 00:10:31,360

and develop a plan within 72 hours to go

290

00:10:34,630 --> 00:10:33,200

out and repair

291

00:10:36,310 --> 00:10:34,640

the solar ray in a way that had never

292

00:10:37,829 --> 00:10:36,320

been envisioned before

293

00:10:40,069 --> 00:10:37,839

brilliant people this is derek hossman

294

00:10:43,509 --> 00:10:40,079

our lead flight director dina contella

295

00:10:46,230 --> 00:10:43,519

eva sarmada aziz robotics

296

00:10:48,630 --> 00:10:46,240

and swanee our capcom many many people

297

00:10:49,670 --> 00:10:48,640

work together this is uh dantani and

298

00:10:51,509 --> 00:10:49,680

stephanie

299

00:10:53,509 --> 00:10:51,519

wilson and in the backdrop you can see

300

00:10:55,509 --> 00:10:53,519

their robotics instructors they were

301

00:10:57,829 --> 00:10:55,519

represented on orbit as well

302

00:11:00,150 --> 00:10:57,839

but it really it was amazing team effort

303

00:11:02,150 --> 00:11:00,160

both on the ground and up in space

304

00:11:04,550 --> 00:11:02,160

there's peggy and yuri getting us

305

00:11:06,310 --> 00:11:04,560

slammed into the airlock

306

00:11:07,910 --> 00:11:06,320

and george was a key part of this as

307

00:11:10,470 --> 00:11:07,920

well the new module that we took up

308

00:11:13,110 --> 00:11:10,480

called harmony became a metal shop and

309

00:11:14,630 --> 00:11:13,120

so peggy and george came together and

310

00:11:16,790 --> 00:11:14,640

built these cufflinks that actually

311

00:11:19,190 --> 00:11:16,800

stabilized the solar ray and and doug

312

00:11:20,870 --> 00:11:19,200

wheelock and i went out and

313

00:11:23,430 --> 00:11:20,880

zippered it back together and it worked

314

00:11:25,350 --> 00:11:23,440

like a charm so this was a really neat

315

00:11:26,870 --> 00:11:25,360

photograph taken during the fly around

316

00:11:28,790 --> 00:11:26,880

that george did

317

00:11:31,750 --> 00:11:28,800

and uh just wanted to to brag a little

318

00:11:33,910 --> 00:11:31,760

bit about him uh he has nerves of steel

319

00:11:35,430 --> 00:11:33,920

because typically we have computers that

320

00:11:36,630 --> 00:11:35,440

talk to one another and work and we can

321

00:11:38,870 --> 00:11:36,640

feed data

322

00:11:41,509 --> 00:11:38,880

into these computers and give the pilot

323

00:11:43,670 --> 00:11:41,519

the information to

324

00:11:45,110 --> 00:11:43,680

sense how far he's he's separated from

325

00:11:46,790 --> 00:11:45,120

the space station and the rates of

326

00:11:48,790 --> 00:11:46,800

separation and where he is relative to

327

00:11:51,350 --> 00:11:48,800

the space station he didn't have any of

328

00:11:53,430 --> 00:11:51,360

that he had just the little handheld uh

329

00:11:55,430 --> 00:11:53,440

blazer that i was feeding him data in

330

00:11:57,030 --> 00:11:55,440

his eyeballs and he flew a perfect fly

331

00:11:59,829 --> 00:11:57,040

around so i know he's going to do a

332

00:12:03,110 --> 00:11:59,839

wonderful job on this upcoming mission

333

00:12:05,670 --> 00:12:03,120

he's also a marine and this is our gag

334

00:12:10,069 --> 00:12:07,910

of course we had pam melroy pambo was

335

00:12:12,310 --> 00:12:10,079

her call sign in the air force zambo

336

00:12:15,509 --> 00:12:12,320

here we became the rambo crew i'm called

337

00:12:17,030 --> 00:12:15,519

uh longbow we have boichi or taibo

338

00:12:17,750 --> 00:12:17,040

with us here as well

339

00:12:20,230 --> 00:12:17,760

but

340

00:12:22,230 --> 00:12:20,240

of all the people you know zambo scares

341

00:12:25,030 --> 00:12:22,240

me the most i mean look at this guy

342

00:12:26,389 --> 00:12:25,040

so uh with that uh we could call

343

00:12:30,310 --> 00:12:26,399

george out here and let me present this

344

00:12:30,320 --> 00:12:36,069

awesome oh my goodness

345

00:12:38,949 --> 00:12:37,350

the only thing

346

00:12:41,590 --> 00:12:38,959

it's a it's a beautiful display but it

347

00:12:42,550 --> 00:12:41,600

needs velcro it does it does to stick it

348

00:12:43,750 --> 00:12:42,560

up we do

349

00:12:46,069 --> 00:12:43,760

um

350

00:12:47,430 --> 00:12:46,079

i wanted to just say a little bit about

351
00:12:49,910 --> 00:12:47,440
the rocks first about the nerves of

352
00:12:51,350 --> 00:12:49,920
steel thanks for that i i wasn't talking

353
00:12:53,509 --> 00:12:51,360
a whole lot when that was going on so

354
00:12:54,949 --> 00:12:53,519
maybe that's what he thought

355
00:12:56,470 --> 00:12:54,959
meant nerves of steel i think i just

356
00:13:03,190 --> 00:12:56,480
wasn't

357
00:13:06,470 --> 00:13:03,200
these rocks have already done more than

358
00:13:08,389 --> 00:13:06,480
a human being can do in a lifetime uh

359
00:13:10,389 --> 00:13:08,399
they've for four billion years they were

360
00:13:12,230 --> 00:13:10,399
on the moon undisturbed

361
00:13:14,550 --> 00:13:12,240
they went through an ascent on a

362
00:13:16,870 --> 00:13:14,560
spaceship traveled to earth and then

363
00:13:18,629 --> 00:13:16,880

scott took him to the limits of human

364

00:13:20,710 --> 00:13:18,639

endurance by climbing up with him onto

365

00:13:22,389 --> 00:13:20,720

mount everest and so they've already got

366

00:13:23,910 --> 00:13:22,399

a tremendous history

367

00:13:25,829 --> 00:13:23,920

and they're about to get a mileage

368

00:13:27,990 --> 00:13:25,839

upgrade when they go on the space

369

00:13:29,750 --> 00:13:28,000

station they're going to travel at 17

370

00:13:31,670 --> 00:13:29,760

500 miles an hour for a number of years

371

00:13:32,550 --> 00:13:31,680

so they're going to get a tremendous

372

00:13:35,190 --> 00:13:32,560

trip

373

00:13:37,509 --> 00:13:35,200

and they're going to be in the cupola

374

00:13:39,350 --> 00:13:37,519

uh of the tranquility

375

00:13:40,870 --> 00:13:39,360

node uh that will be on the space

376

00:13:43,350 --> 00:13:40,880

station and they'll be there as a

377

00:13:45,269 --> 00:13:43,360

reminder uh to all the astronauts that

378

00:13:47,269 --> 00:13:45,279

are up there what what human beings can

379

00:13:48,870 --> 00:13:47,279

do and what our challenges are so this

380

00:13:50,550 --> 00:13:48,880

is a tremendous opportunity and thanks

381

00:13:53,030 --> 00:13:50,560

so much for for giving them to us today

382

00:13:59,670 --> 00:13:53,040

scott thank you george appreciate it

383

00:14:03,030 --> 00:14:01,110

so this is actually

384

00:14:04,310 --> 00:14:03,040

the fancy enclosure that i showed you

385

00:14:05,590 --> 00:14:04,320

and the

386

00:14:06,949 --> 00:14:05,600

lunar samples

387

00:14:09,030 --> 00:14:06,959

as seen from base camp and what i'm

388

00:14:10,150 --> 00:14:09,040

going to do is actually very quickly

389

00:14:12,230 --> 00:14:10,160

because we don't have a lot of time

390

00:14:13,910 --> 00:14:12,240

together take you through two seasons on

391

00:14:15,910 --> 00:14:13,920

everest the season takes about two

392

00:14:17,670 --> 00:14:15,920

months this is a large commitment of

393

00:14:20,389 --> 00:14:17,680

time

394

00:14:21,910 --> 00:14:20,399

my first expedition was in 2008 and it

395

00:14:27,990 --> 00:14:21,920

was tongue-in-cheek but we called it the

396

00:14:32,389 --> 00:14:29,590

can you hear me now

397

00:14:33,430 --> 00:14:32,399

i feel like i'm in a commercial uh

398

00:14:35,269 --> 00:14:33,440

um

399

00:14:37,670 --> 00:14:35,279

it was more like a home equity loan

400

00:14:39,189 --> 00:14:37,680

everest expedition when it all came down

401
00:14:41,030 --> 00:14:39,199
to to pass but

402
00:14:42,870 --> 00:14:41,040
we called it the free everest expedition

403
00:14:44,470 --> 00:14:42,880
because the the chinese had closed off

404
00:14:45,750 --> 00:14:44,480
the north side of the mountain to all

405
00:14:47,509 --> 00:14:45,760
expeditions it was the year of the

406
00:14:49,189 --> 00:14:47,519
olympics and they wanted to have a torch

407
00:14:51,189 --> 00:14:49,199
relay up to the top

408
00:14:53,430 --> 00:14:51,199
and so i assume they just didn't want to

409
00:14:55,110 --> 00:14:53,440
have any free tibet rallies on the top

410
00:14:57,030 --> 00:14:55,120
of mount everest i'm not sure what a

411
00:14:59,670 --> 00:14:57,040
rally like that would look like a bunch

412
00:15:01,189 --> 00:14:59,680
of guys in oxygen masks

413
00:15:04,310 --> 00:15:01,199

huffing and puffing so it would have

414

00:15:06,790 --> 00:15:04,320

been very short at least but um we were

415

00:15:08,949 --> 00:15:06,800

we were impacted pretty substantially on

416

00:15:10,470 --> 00:15:08,959

the season because of their actions but

417

00:15:13,189 --> 00:15:10,480

in any event we were able to mount an

418

00:15:14,790 --> 00:15:13,199

expedition this is my team from 2008 on

419

00:15:16,710 --> 00:15:14,800

the left is

420

00:15:20,230 --> 00:15:16,720

adam janikowski who had climbed denali

421

00:15:23,189 --> 00:15:20,240

with in alaska and then ang namya sherpa

422

00:15:24,710 --> 00:15:23,199

and kami sherpa who was my sidekick he'd

423

00:15:27,910 --> 00:15:24,720

already summoned mount everest eight

424

00:15:29,990 --> 00:15:27,920

times became a very close friend um and

425

00:15:32,470 --> 00:15:30,000

this is the rest of my img or

426

00:15:34,790 --> 00:15:32,480

international mountain guides expedition

427

00:15:36,550 --> 00:15:34,800

in the background often the far left

428

00:15:37,990 --> 00:15:36,560

there you can let me see i actually have

429

00:15:40,389 --> 00:15:38,000

a laser pointer here let's use

430

00:15:42,069 --> 00:15:40,399

technology uh so right up actually right

431

00:15:45,030 --> 00:15:42,079

up here is mount everest and you can

432

00:15:46,870 --> 00:15:45,040

tell it's not a good climbing day today

433

00:15:47,990 --> 00:15:46,880

next slide

434

00:15:49,430 --> 00:15:48,000

so

435

00:15:51,590 --> 00:15:49,440

obviously mount everest is a really

436

00:15:53,670 --> 00:15:51,600

really big mountain uh

437

00:15:55,350 --> 00:15:53,680

there's uh the for comparison the empire

438

00:15:57,590 --> 00:15:55,360

state building

439

00:15:59,269 --> 00:15:57,600

just a joke but it's uh basically five

440

00:16:02,069 --> 00:15:59,279

miles tall twenty nine thousand twenty

441

00:16:03,030 --> 00:16:02,079

nine feet uh as i said takes about two

442

00:16:05,590 --> 00:16:03,040

months

443

00:16:08,150 --> 00:16:05,600

uh to uh to send the mountain once you

444

00:16:10,470 --> 00:16:08,160

get there it's a stair-step process of

445

00:16:12,310 --> 00:16:10,480

going through the ice fall several times

446

00:16:13,509 --> 00:16:12,320

which is one of the riskier portions of

447

00:16:16,230 --> 00:16:13,519

the climb

448

00:16:18,710 --> 00:16:16,240

you can see these large blocks of ice

449

00:16:20,870 --> 00:16:18,720

that you have to

450

00:16:24,150 --> 00:16:20,880

crawl across some of these crevasses are

451
00:16:26,470 --> 00:16:24,160
200 feet deep big cyrax that may be 150

452
00:16:28,710 --> 00:16:26,480
feet or 200 feet in height that tumble

453
00:16:31,110 --> 00:16:28,720
periodically it's a pretty spooky place

454
00:16:33,030 --> 00:16:31,120
but we try and uh leave base camp very

455
00:16:35,430 --> 00:16:33,040
early in the morning and get through

456
00:16:39,030 --> 00:16:35,440
there before the the sun warms the

457
00:16:40,790 --> 00:16:39,040
ice fall and then things start to relax

458
00:16:42,710 --> 00:16:40,800
this past season actually had two very

459
00:16:46,550 --> 00:16:42,720
significant avalanches one of which was

460
00:16:49,030 --> 00:16:46,560
fatal and i'll show you that in a moment

461
00:16:51,030 --> 00:16:49,040
but that's uh basically what it's like

462
00:16:52,710 --> 00:16:51,040
going through the the kombu ice fall

463
00:16:54,310 --> 00:16:52,720

there are large ladders

464

00:16:56,389 --> 00:16:54,320

crossing some of these

465

00:16:58,150 --> 00:16:56,399

chasms

466

00:17:00,870 --> 00:16:58,160

and of course you're wearing lots and

467

00:17:03,350 --> 00:17:00,880

lots of gear the boots that i'm wearing

468

00:17:04,949 --> 00:17:03,360

you see here are rated to minus 60. and

469

00:17:06,630 --> 00:17:04,959

in fact if you have time after this if

470

00:17:07,990 --> 00:17:06,640

you go over to the gallery you can

471

00:17:09,990 --> 00:17:08,000

actually see the down suit and the

472

00:17:12,230 --> 00:17:10,000

oxygen mask and the the crampons and the

473

00:17:13,909 --> 00:17:12,240

boots that i wore on the expedition it's

474

00:17:16,230 --> 00:17:13,919

it's a pretty neat display

475

00:17:18,230 --> 00:17:16,240

this is uh my friend apa sherpa and he

476

00:17:21,429 --> 00:17:18,240

now holds the world record for summits

477

00:17:23,510 --> 00:17:21,439

of everest 18 times to the top

478

00:17:25,590 --> 00:17:23,520

superhuman athlete i we always kind of

479

00:17:27,750 --> 00:17:25,600

joke that the sherpas

480

00:17:30,390 --> 00:17:27,760

have three lungs and two hearts you know

481

00:17:33,029 --> 00:17:30,400

they have a genetic advantage they're

482

00:17:35,110 --> 00:17:33,039

born at uh

483

00:17:36,710 --> 00:17:35,120

12 to 13 000 feet above sea level live

484

00:17:38,630 --> 00:17:36,720

their entire lives there and just their

485

00:17:40,549 --> 00:17:38,640

phenomenal altitude

486

00:17:42,150 --> 00:17:40,559

so this is uh the high point that i

487

00:17:45,430 --> 00:17:42,160

achieved on

488

00:17:46,789 --> 00:17:45,440

my 2008 expedition out my tent fly here

489

00:17:48,630 --> 00:17:46,799

you can actually see the sixth highest

490

00:17:50,150 --> 00:17:48,640

mountain in the world it's only a little

491

00:17:52,150 --> 00:17:50,160

bit higher than where i am right now

492

00:17:54,070 --> 00:17:52,160

this is up the lousy face

493

00:17:56,470 --> 00:17:54,080

twenty four thousand five hundred feet

494

00:17:58,870 --> 00:17:56,480

and this is where i develop excruciating

495

00:18:02,390 --> 00:17:58,880

back pain and i'm talking about uh i i

496

00:18:04,230 --> 00:18:02,400

could not uh um last for 30 seconds

497

00:18:06,310 --> 00:18:04,240

without having to shift and to try and

498

00:18:07,830 --> 00:18:06,320

reorient myself and this is a

499

00:18:08,710 --> 00:18:07,840

self-portrait

500

00:18:13,270 --> 00:18:08,720

uh

501
00:18:14,390 --> 00:18:13,280
supposed to go to the summit and i it's

502
00:18:17,029 --> 00:18:14,400
tough for me to even look at this

503
00:18:19,029 --> 00:18:17,039
picture if you if you know me uh you

504
00:18:21,190 --> 00:18:19,039
might be able to see the the pain in my

505
00:18:22,390 --> 00:18:21,200
face my eyes are kind of bloodshot and

506
00:18:23,750 --> 00:18:22,400
you know this is just

507
00:18:27,430 --> 00:18:23,760
uh

508
00:18:28,950 --> 00:18:27,440
a scary moment for me not only because i

509
00:18:31,110 --> 00:18:28,960
don't know what's going on with my my

510
00:18:34,070 --> 00:18:31,120
body but uh you know i've dreamt my

511
00:18:36,789 --> 00:18:34,080
whole life of going from here uh to the

512
00:18:38,710 --> 00:18:36,799
top of everest and the next morning i

513
00:18:41,029 --> 00:18:38,720

wasn't sure i'd be able to do it so this

514

00:18:42,789 --> 00:18:41,039

is the the sunset that evening looking

515

00:18:45,430 --> 00:18:42,799

down the western comb

516

00:18:47,110 --> 00:18:45,440

uh and hoping that uh the next morning i

517

00:18:48,870 --> 00:18:47,120

would feel better

518

00:18:50,710 --> 00:18:48,880

unfortunately i did not you can see me

519

00:18:53,990 --> 00:18:50,720

here in the lower right hand quadrant

520

00:18:56,230 --> 00:18:54,000

here uh and i'm just trying to stretch

521

00:18:58,470 --> 00:18:56,240

and do whatever i can to loosen up i had

522

00:19:01,190 --> 00:18:58,480

to have my buddies uh put on my crampons

523

00:19:04,549 --> 00:19:01,200

for me uh

524

00:19:06,870 --> 00:19:04,559

this is uh uh me waiting to have uh my

525

00:19:08,710 --> 00:19:06,880

oxygen cylinder put in my backpack so

526

00:19:11,510 --> 00:19:08,720

that i could try and struggle up the

527

00:19:14,630 --> 00:19:11,520

mountain and uh i took a actually if you

528

00:19:17,590 --> 00:19:14,640

could go back miles just one um i i

529

00:19:21,110 --> 00:19:17,600

wanted to see if i could do it uh so i

530

00:19:23,190 --> 00:19:21,120

i saddled up and took uh a few paces up

531

00:19:24,390 --> 00:19:23,200

the mountain and then i realized that if

532

00:19:25,990 --> 00:19:24,400

i did go up

533

00:19:28,150 --> 00:19:26,000

not only would i

534

00:19:29,270 --> 00:19:28,160

jeopardize my own health but i might

535

00:19:31,750 --> 00:19:29,280

place my

536

00:19:33,750 --> 00:19:31,760

my teammates into a rescue situation

537

00:19:35,669 --> 00:19:33,760

and i would also jeopardize their their

538

00:19:39,510 --> 00:19:35,679

chances of success so this is a

539

00:19:40,789 --> 00:19:39,520

gut-wrenching moment um but i had to do

540

00:19:43,430 --> 00:19:40,799

the right thing and i this is the point

541

00:19:45,029 --> 00:19:43,440

that i turned around um not knowing if i

542

00:19:46,390 --> 00:19:45,039

would ever be able to come back

543

00:19:47,990 --> 00:19:46,400

um the other thing that i wanted to

544

00:19:50,310 --> 00:19:48,000

point out on this down suit that i'm

545

00:19:52,390 --> 00:19:50,320

wearing it's essentially you'll see it

546

00:19:54,310 --> 00:19:52,400

across the way but it's like a walking

547

00:19:57,430 --> 00:19:54,320

sleeping bag this thing is amazing it's

548

00:19:59,750 --> 00:19:57,440

it's got down that that's this thick

549

00:20:01,590 --> 00:19:59,760

but uh i had some special patches sewn

550

00:20:03,669 --> 00:20:01,600

on the front of them and and this is the

551
00:20:06,230 --> 00:20:03,679
flag that was on my spacesuit during

552
00:20:08,710 --> 00:20:06,240
sts-120 and that solar ray repair that

553
00:20:11,510 --> 00:20:08,720
flag obviously meant a lot to me so i

554
00:20:12,230 --> 00:20:11,520
i put that on my down suit

555
00:20:13,110 --> 00:20:12,240
so

556
00:20:17,510 --> 00:20:13,120
even

557
00:20:19,270 --> 00:20:17,520
you still have to get yourself down and

558
00:20:20,870 --> 00:20:19,280
it's pretty steep and it's a it's a long

559
00:20:22,630 --> 00:20:20,880
hard arduous

560
00:20:24,710 --> 00:20:22,640
path but on the bright side i'd

561
00:20:26,950 --> 00:20:24,720
unlimited supply of ice

562
00:20:29,029 --> 00:20:26,960
so i would just lay down every 20 or 30

563
00:20:30,950 --> 00:20:29,039

minutes and uh

564

00:20:34,310 --> 00:20:30,960

and stretch and this is my buddy bob

565

00:20:36,789 --> 00:20:34,320

lowery who is a hero to me he he really

566

00:20:38,549 --> 00:20:36,799

uh came through for me um he made it up

567

00:20:39,830 --> 00:20:38,559

to camp three as well but decided that

568

00:20:42,070 --> 00:20:39,840

he couldn't make it to the summit he

569

00:20:44,149 --> 00:20:42,080

just ran out of steam so he came down

570

00:20:47,110 --> 00:20:44,159

with me uh he was a former martial

571

00:20:48,950 --> 00:20:47,120

artist and a physical trainer so he

572

00:20:50,470 --> 00:20:48,960

stretched me out and helped me get down

573

00:20:52,710 --> 00:20:50,480

the mountain

574

00:20:56,310 --> 00:20:52,720

here i am at uh advanced base camp camp

575

00:20:57,510 --> 00:20:56,320

2 21 500 feet spent one night there and

576
00:20:59,510 --> 00:20:57,520

i got

577
00:21:01,270 --> 00:20:59,520

ice on my back

578
00:21:04,230 --> 00:21:01,280

hoping that the pain will go away but it

579
00:21:08,149 --> 00:21:06,149

despite that

580
00:21:10,870 --> 00:21:08,159

one of my other climbing buddies this is

581
00:21:14,070 --> 00:21:10,880

monty at camp two ended up having a very

582
00:21:15,350 --> 00:21:14,080

very serious nose bleed at both nose

583
00:21:17,029 --> 00:21:15,360

both nares

584
00:21:19,830 --> 00:21:17,039

and uh lost about 20 percent of his

585
00:21:21,029 --> 00:21:19,840

blood volume so he was in incredibly

586
00:21:23,350 --> 00:21:21,039

rough shape

587
00:21:25,830 --> 00:21:23,360

so we managed to get down to base camp

588
00:21:27,350 --> 00:21:25,840

and ultimately uh as his monty's

589

00:21:29,190 --> 00:21:27,360

personal physician

590

00:21:31,430 --> 00:21:29,200

i was able to fly out on a helicopter

591

00:21:34,310 --> 00:21:31,440

with him which is nice because it's a as

592

00:21:35,350 --> 00:21:34,320

keith can attest you know 36 miles uh

593

00:21:37,270 --> 00:21:35,360

coming down

594

00:21:39,510 --> 00:21:37,280

from base camp it's and you do it in

595

00:21:42,149 --> 00:21:39,520

three days it's it's quite a hike

596

00:21:43,669 --> 00:21:42,159

um so here we are on the left is monty

597

00:21:45,750 --> 00:21:43,679

uh in the helicopter and then after

598

00:21:47,909 --> 00:21:45,760

we've been to the clinic in kathmandu

599

00:21:49,990 --> 00:21:47,919

he's got the the nasal packs out we went

600

00:21:52,310 --> 00:21:50,000

to the rum doodle which is a famous

601

00:21:54,149 --> 00:21:52,320

restaurant in kathmandu

602

00:21:56,390 --> 00:21:54,159

and the tradition there is that if you

603

00:21:58,470 --> 00:21:56,400

summitted mount everest you can sign the

604

00:22:00,390 --> 00:21:58,480

wall behind the bar

605

00:22:01,830 --> 00:22:00,400

and so hillary and

606

00:22:04,310 --> 00:22:01,840

messner and

607

00:22:06,789 --> 00:22:04,320

tenzing norgay and everybody who's who

608

00:22:08,950 --> 00:22:06,799

of mountaineering has signed this wall

609

00:22:11,029 --> 00:22:08,960

monty and i were not worthy but we did

610

00:22:13,510 --> 00:22:11,039

have an everest beer

611

00:22:14,310 --> 00:22:13,520

at the rum doodle anyway

612

00:22:17,029 --> 00:22:14,320

so

613

00:22:19,510 --> 00:22:17,039

as as miles mentioned uh

614

00:22:21,110 --> 00:22:19,520

everest never left my the back of my uh

615

00:22:23,430 --> 00:22:21,120

my mind i always wanted to get back in

616

00:22:25,430 --> 00:22:23,440

some in some fashion didn't know how i

617

00:22:27,669 --> 00:22:25,440

would do it but thanks to miles and

618

00:22:29,590 --> 00:22:27,679

keith and and other people that uh

619

00:22:31,029 --> 00:22:29,600

uh were very encouraging i was able to

620

00:22:33,430 --> 00:22:31,039

find sponsorship

621

00:22:34,470 --> 00:22:33,440

and uh these are some of them uh spot is

622

00:23:05,430 --> 00:22:34,480

a

623

00:23:07,270 --> 00:23:05,440

uh he's now summited 11 times

624

00:23:08,710 --> 00:23:07,280

just a superstar

625

00:23:11,510 --> 00:23:08,720

the climbing sherpas

626

00:23:15,830 --> 00:23:11,520

in in nepal are like rock stars they

627

00:23:17,590 --> 00:23:15,840

they really are uh super athletes and uh

628

00:23:19,029 --> 00:23:17,600

is really an amazing experience to get

629

00:23:20,549 --> 00:23:19,039

to know them very well

630

00:23:22,070 --> 00:23:20,559

very quickly i'll take you up the

631

00:23:25,190 --> 00:23:22,080

mountain our base camp is here at about

632

00:23:27,430 --> 00:23:25,200

17 500 feet above sea level

633

00:23:28,950 --> 00:23:27,440

it takes uh three to four hours to get

634

00:23:30,710 --> 00:23:28,960

up to camp one once you're really really

635

00:23:33,750 --> 00:23:30,720

fit and you can do it quickly

636

00:23:36,710 --> 00:23:33,760

camp one is at about 19 000 and change

637

00:23:38,390 --> 00:23:36,720

and then it's a about a five mile hoof

638

00:23:39,750 --> 00:23:38,400

up this uh canyon it's called the

639

00:23:43,029 --> 00:23:39,760

western comb

640

00:23:45,430 --> 00:23:43,039

it's a welsh term uh coomb for canyon up

641

00:23:46,789 --> 00:23:45,440

to uh camp two at twenty one thousand

642

00:23:48,230 --> 00:23:46,799

five hundred feet

643

00:23:50,470 --> 00:23:48,240

and that's our advanced base camp we

644

00:23:53,269 --> 00:23:50,480

spend a fair amount of time up there

645

00:23:55,350 --> 00:23:53,279

uh so we'll we'll take a trip up to camp

646

00:23:58,549 --> 00:23:55,360

two spend a few nights come back to base

647

00:24:00,789 --> 00:23:58,559

camp recover for a few days then repeat

648

00:24:02,470 --> 00:24:00,799

and uh then you end up at camp three

649

00:24:04,950 --> 00:24:02,480

spend a night or two up there up the

650

00:24:06,950 --> 00:24:04,960

very steep lousy face that camp is at

651
00:24:08,310 --> 00:24:06,960
twenty four thousand five hundred feet

652
00:24:10,070 --> 00:24:08,320
and you come all the way back down to

653
00:24:13,909 --> 00:24:10,080
base camp and wait for the weather

654
00:24:15,590 --> 00:24:13,919
window and we tried to summit in earlier

655
00:24:17,430 --> 00:24:15,600
may may 11th would have been our summit

656
00:24:19,990 --> 00:24:17,440
day but the weather closed in

657
00:24:21,990 --> 00:24:20,000
and if any of you have seen uh the

658
00:24:23,190 --> 00:24:22,000
everest beyond the limit series that

659
00:24:25,029 --> 00:24:23,200
just played

660
00:24:26,390 --> 00:24:25,039
right after christmas uh john golden one

661
00:24:27,750 --> 00:24:26,400
of my teammates tried to get up in that

662
00:24:29,590 --> 00:24:27,760
weather window and

663
00:24:31,510 --> 00:24:29,600

and that window closed down on him and

664

00:24:33,110 --> 00:24:31,520

none of them were able to sum it

665

00:24:35,110 --> 00:24:33,120

so we we

666

00:24:38,870 --> 00:24:35,120

came all the way back down to base camp

667

00:24:41,510 --> 00:24:39,909

so uh

668

00:24:43,750 --> 00:24:41,520

back up a little bit and talk about our

669

00:24:45,830 --> 00:24:43,760

team this is our sherpa team the img

670

00:24:46,789 --> 00:24:45,840

sherpa team and

671

00:24:49,430 --> 00:24:46,799

they

672

00:24:54,549 --> 00:24:51,350

the happiest and most contented people

673

00:24:56,950 --> 00:24:54,559

you will ever meet um they're incredibly

674

00:24:59,590 --> 00:24:56,960

uh kind-hearted they're very spiritual

675

00:25:01,750 --> 00:24:59,600

they believe in tibetan buddhism and it

676
00:25:03,269 --> 00:25:01,760
was it was really an honor to spend time

677
00:25:06,710 --> 00:25:03,279
with them

678
00:25:09,190 --> 00:25:06,720
this is my friend rohan uh from

679
00:25:11,190 --> 00:25:09,200
connecticut he and i climbed together

680
00:25:13,029 --> 00:25:11,200
last season he climbed with a different

681
00:25:14,870 --> 00:25:13,039
team this year but he became the very

682
00:25:17,110 --> 00:25:14,880
first jamaican and the very first

683
00:25:19,590 --> 00:25:17,120
african-american male to summit mount

684
00:25:22,390 --> 00:25:19,600
everest uh this year so it's great to

685
00:25:24,230 --> 00:25:22,400
see him again there's a nice photo of de

686
00:25:27,029 --> 00:25:24,240
niro my climbing partner

687
00:25:30,710 --> 00:25:27,039
and next slide is this is rejoin

688
00:25:32,870 --> 00:25:30,720

from quebec and uh this is dawa sherpa

689

00:25:35,350 --> 00:25:32,880

and the story i have to tell you about

690

00:25:38,630 --> 00:25:35,360

these guys uh i was going to climb uh to

691

00:25:40,390 --> 00:25:38,640

the top with uh rejoin unfortunately he

692

00:25:42,870 --> 00:25:40,400

developed a medical issue

693

00:25:44,710 --> 00:25:42,880

on our first summit bid and had to turn

694

00:25:45,909 --> 00:25:44,720

around uh right at the top of the ice

695

00:25:48,230 --> 00:25:45,919

ball and it was

696

00:25:50,630 --> 00:25:48,240

it was really difficult i i had to uh i

697

00:25:53,029 --> 00:25:50,640

was about an hour ahead of him and so i

698

00:25:54,549 --> 00:25:53,039

was uh giving him medical advice uh

699

00:25:57,190 --> 00:25:54,559

actually uh

700

00:25:58,070 --> 00:25:57,200

sent dinuru down with some aspirin uh

701
00:25:59,909 --> 00:25:58,080
because

702
00:26:00,870 --> 00:25:59,919
that was something that was indicated at

703
00:26:04,230 --> 00:26:00,880
the time

704
00:26:05,750 --> 00:26:04,240
and he ran down uh thankfully that

705
00:26:08,870 --> 00:26:05,760
stalled him enough

706
00:26:10,310 --> 00:26:08,880
uh that he avoided getting trapped in a

707
00:26:11,350 --> 00:26:10,320
fatal avalanche if you go to the next

708
00:26:14,149 --> 00:26:11,360
slide

709
00:26:17,029 --> 00:26:14,159
we saw two incredibly powerful

710
00:26:20,630 --> 00:26:17,039
avalanches this season uh this one on

711
00:26:21,510 --> 00:26:20,640
the right here if uh rejean had endowed

712
00:26:23,110 --> 00:26:21,520
left

713
00:26:24,230 --> 00:26:23,120

right away probably would have been in

714

00:26:26,870 --> 00:26:24,240

the middle of this and this is almost

715

00:26:28,950 --> 00:26:26,880

like a a nuclear mushroom cloud when

716

00:26:31,510 --> 00:26:28,960

these things come across that they just

717

00:26:32,230 --> 00:26:31,520

cover the entire base camp covering you

718

00:26:35,350 --> 00:26:32,240

know

719

00:26:37,830 --> 00:26:35,360

acres and acres of uh terrain all of the

720

00:26:40,149 --> 00:26:37,840

the pathway up the ice fall is

721

00:26:42,470 --> 00:26:40,159

obliterated after this

722

00:26:43,750 --> 00:26:42,480

and uh so thankful that they narrowly

723

00:26:45,269 --> 00:26:43,760

missed uh getting caught in this

724

00:26:48,149 --> 00:26:45,279

avalanche as it turns out they were

725

00:26:49,750 --> 00:26:48,159

actually completely dusted with uh with

726

00:26:53,510 --> 00:26:49,760

snow and it was very difficult for them

727

00:26:55,750 --> 00:26:53,520

to breathe for about two minutes

728

00:26:57,029 --> 00:26:55,760

next slide

729

00:26:58,950 --> 00:26:57,039

so i'm now i'm going to take you up to

730

00:27:00,789 --> 00:26:58,960

the very top of the mountain uh this is

731

00:27:01,990 --> 00:27:00,799

one of the crux

732

00:27:04,070 --> 00:27:02,000

sections of the mountain this is called

733

00:27:05,830 --> 00:27:04,080

the lousy face it's very very hard blue

734

00:27:07,350 --> 00:27:05,840

ice

735

00:27:09,669 --> 00:27:07,360

and of course we have crampons on our

736

00:27:11,430 --> 00:27:09,679

boots so we can kick in directly or or

737

00:27:14,470 --> 00:27:11,440

edge in a little bit there are fixed

738

00:27:17,190 --> 00:27:15,350

also

739

00:27:20,230 --> 00:27:17,200

protect us but if you were to become

740

00:27:21,269 --> 00:27:20,240

unclipped or or to fall uh it would be a

741

00:27:25,669 --> 00:27:21,279

certain

742

00:27:28,310 --> 00:27:25,679

um 3000 feet of vertical up this uh

743

00:27:30,870 --> 00:27:28,320

up this wall um you can only build if

744

00:27:33,430 --> 00:27:30,880

you go back one miles uh they're little

745

00:27:34,870 --> 00:27:33,440

uh little platforms that uh you know we

746

00:27:36,870 --> 00:27:34,880

we dig into the side of the mountain

747

00:27:38,230 --> 00:27:36,880

actually that our sherpa team thankfully

748

00:27:40,310 --> 00:27:38,240

did this i'm not sure i would have had

749

00:27:41,590 --> 00:27:40,320

enough energy to to build these tent

750

00:27:44,549 --> 00:27:41,600

platforms but at the beginning of the

751
00:27:47,190 --> 00:27:44,559
season the uh the teams go up and build

752
00:27:50,070 --> 00:27:47,200
up these little uh tiny platforms just

753
00:27:52,149 --> 00:27:50,080
big enough to accommodate a little tent

754
00:27:54,549 --> 00:27:52,159
and uh you can actually see that there

755
00:27:56,310 --> 00:27:54,559
are lines all the way through camp

756
00:27:58,230 --> 00:27:56,320
the reason being if you were to go out

757
00:28:01,269 --> 00:27:58,240
in the middle of the night to uh

758
00:28:03,590 --> 00:28:01,279
uh attend to uh to nature uh if you

759
00:28:05,590 --> 00:28:03,600
don't uh clip in it's possible that you

760
00:28:08,230 --> 00:28:05,600
could you could be swept on down the

761
00:28:10,230 --> 00:28:08,240
mountain and that is as indeed happened

762
00:28:12,310 --> 00:28:10,240
so uh they put in safety lines all

763
00:28:13,750 --> 00:28:12,320

through the the camp

764

00:28:17,510 --> 00:28:13,760

next slide

765

00:28:19,909 --> 00:28:17,520

here we are hypoxic at 24 500 feet uh

766

00:28:23,350 --> 00:28:19,919

this is uh de nuru and this is sun duke

767

00:28:25,350 --> 00:28:23,360

sherpa and he was ed wardell's uh uh

768

00:28:26,870 --> 00:28:25,360

sherpa he helped with the filming of the

769

00:28:29,190 --> 00:28:26,880

discovery series

770

00:28:31,430 --> 00:28:29,200

uh really great guy

771

00:28:34,470 --> 00:28:31,440

uh dinner and i got up very early the

772

00:28:36,549 --> 00:28:34,480

following morning i guess this would be

773

00:28:37,510 --> 00:28:36,559

the 19th

774

00:28:38,710 --> 00:28:37,520

uh

775

00:28:40,389 --> 00:28:38,720

yeah this would be

776

00:28:42,310 --> 00:28:40,399

a may 19th

777

00:28:44,310 --> 00:28:42,320

around five in the morning we got a head

778

00:28:45,590 --> 00:28:44,320

start on pretty much every team we

779

00:28:47,750 --> 00:28:45,600

passed several

780

00:28:50,310 --> 00:28:47,760

several teams and really felt strong

781

00:28:53,029 --> 00:28:50,320

this is called the yellow band at 25 000

782

00:28:54,789 --> 00:28:53,039

feet you can see back here

783

00:28:57,990 --> 00:28:54,799

a chain of ants those are climbers

784

00:29:01,029 --> 00:28:58,000

coming from camp three

785

00:29:02,470 --> 00:29:01,039

it's very very uh beautiful but also uh

786

00:29:03,590 --> 00:29:02,480

kind of intimidating it's very very

787

00:29:04,549 --> 00:29:03,600

steep

788

00:29:06,230 --> 00:29:04,559

up on the

789

00:29:07,909 --> 00:29:06,240

top of the mountain here we're heading

790

00:29:08,789 --> 00:29:07,919

towards camp four which is our final

791

00:29:11,190 --> 00:29:08,799

camp

792

00:29:12,710 --> 00:29:11,200

this is uh called the geneva spur if

793

00:29:14,230 --> 00:29:12,720

you've read into thin air or any books

794

00:29:16,470 --> 00:29:14,240

about everest it's a very prominent

795

00:29:17,990 --> 00:29:16,480

landmark on the way to the uh the south

796

00:29:19,830 --> 00:29:18,000

call of the mountain which is the saddle

797

00:29:21,190 --> 00:29:19,840

between lotze which is the fourth

798

00:29:22,950 --> 00:29:21,200

highest mountain in the world in mount

799

00:29:24,549 --> 00:29:22,960

everest

800

00:29:26,230 --> 00:29:24,559

and uh

801
00:29:28,630 --> 00:29:26,240
of course at this point uh i'm wearing

802
00:29:29,750 --> 00:29:28,640
oxygen de nuru doesn't need it until uh

803
00:29:32,149 --> 00:29:29,760
camp four

804
00:29:35,110 --> 00:29:32,159
but he's a lot tougher than i am uh and

805
00:29:37,510 --> 00:29:35,120
here we are at camp four uh this is the

806
00:29:38,630 --> 00:29:37,520
most desolate wind swept place uh you

807
00:29:40,549 --> 00:29:38,640
can imagine

808
00:29:44,149 --> 00:29:40,559
and uh hopefully there aren't any media

809
00:29:47,350 --> 00:29:44,159
here uh this is a joke uh

810
00:29:49,990 --> 00:29:47,360
i'm a prelude to that uh i i kid a lot

811
00:29:51,269 --> 00:29:50,000
of times that this is where uh nasa uh

812
00:29:52,389 --> 00:29:51,279
faked the moon landings because it's

813
00:29:54,389 --> 00:29:52,399

just such a

814

00:29:56,389 --> 00:29:54,399

unbelievably desolate place

815

00:29:58,630 --> 00:29:56,399

that uh you know

816

00:30:00,389 --> 00:29:58,640

you can't believe it um but uh

817

00:30:01,909 --> 00:30:00,399

thankfully when we're up there is is

818

00:30:03,029 --> 00:30:01,919

relatively calm

819

00:30:04,950 --> 00:30:03,039

uh

820

00:30:07,269 --> 00:30:04,960

we rested for several hours i got up

821

00:30:09,350 --> 00:30:07,279

here at around nine in the morning uh we

822

00:30:10,789 --> 00:30:09,360

we drank lots of tea ate what we could

823

00:30:13,430 --> 00:30:10,799

you don't have much of an appetite at

824

00:30:14,950 --> 00:30:13,440

these altitudes but uh ate what we could

825

00:30:16,789 --> 00:30:14,960

and then uh

826

00:30:19,110 --> 00:30:16,799

the plan was to leave that evening at

827

00:30:19,990 --> 00:30:19,120

around nine o'clock at night

828

00:30:21,430 --> 00:30:20,000

uh

829

00:30:24,310 --> 00:30:21,440

this is the view up towards the summit

830

00:30:27,029 --> 00:30:24,320

from camp uh four and we'll go up this

831

00:30:29,669 --> 00:30:27,039

triangular face up here to the balcony

832

00:30:31,669 --> 00:30:29,679

at about 28 000 feet and then follow the

833

00:30:33,029 --> 00:30:31,679

southeast ridge up to the south summit

834

00:30:34,870 --> 00:30:33,039

and then you actually have to drop down

835

00:30:36,149 --> 00:30:34,880

a little bit to a cornice ridge

836

00:30:37,669 --> 00:30:36,159

very airy and i'll show you some

837

00:30:39,430 --> 00:30:37,679

pictures of that later across the

838

00:30:43,029 --> 00:30:39,440

hillary step and then up to the true

839

00:30:45,430 --> 00:30:43,039

summit and so we left at 8 17 in the

840

00:30:47,669 --> 00:30:45,440

morning i really didn't want to

841

00:30:48,950 --> 00:30:47,679

be in a situation

842

00:30:51,590 --> 00:30:48,960

as other climbers have where they've

843

00:30:54,070 --> 00:30:51,600

been in a bottleneck and caught and

844

00:30:56,389 --> 00:30:54,080

frostbitten and

845

00:30:59,350 --> 00:30:56,399

just taking too many risks so

846

00:31:01,669 --> 00:30:59,360

i left early set a nice solid pace and

847

00:31:03,669 --> 00:31:01,679

we led the whole way and my ultimate

848

00:31:05,590 --> 00:31:03,679

goal was to arrive at the summit for an

849

00:31:07,029 --> 00:31:05,600

orbital sunrise

850

00:31:08,630 --> 00:31:07,039

you know when we're up in space we see

851
00:31:09,830 --> 00:31:08,640
these beautiful sunrises but they happen

852
00:31:12,230 --> 00:31:09,840
so quick

853
00:31:15,029 --> 00:31:12,240
you're traveling at 17 500 miles an hour

854
00:31:17,830 --> 00:31:15,039
and it's a beautiful

855
00:31:20,549 --> 00:31:17,840
sphere the the sun rising up behind the

856
00:31:22,710 --> 00:31:20,559
limb of the earth the whole uh spectrum

857
00:31:24,470 --> 00:31:22,720
of of light uh coming

858
00:31:26,549 --> 00:31:24,480
flashing before your eye but it happens

859
00:31:29,029 --> 00:31:26,559
quickly and uh so i wanted to get up

860
00:31:30,230 --> 00:31:29,039
here and savor that experience and i did

861
00:31:32,389 --> 00:31:30,240
it was

862
00:31:34,149 --> 00:31:32,399
405 in the morning when the orange hue

863
00:31:36,470 --> 00:31:34,159

started and on my descent down the

864

00:31:40,149 --> 00:31:36,480

summit ridge i saw the full sunrise so

865

00:31:42,710 --> 00:31:40,159

it was a really powerful experience um

866

00:31:45,029 --> 00:31:42,720

i took obviously family photos with me

867

00:31:47,669 --> 00:31:45,039

uh this behind me here is actually kind

868

00:31:50,789 --> 00:31:47,679

of neat it's a golden buddha in a in a

869

00:31:52,549 --> 00:31:50,799

case and some devout sherpa or team of

870

00:31:54,549 --> 00:31:52,559

sherpas brought that up there

871

00:31:56,389 --> 00:31:54,559

i'm also sitting on a number of prayer

872

00:32:01,110 --> 00:31:56,399

flags um

873

00:32:07,190 --> 00:32:03,350

in tibet and also in this region of

874

00:32:09,269 --> 00:32:07,200

nepal the notion is these sanskrit

875

00:32:10,789 --> 00:32:09,279

written prayers

876

00:32:13,509 --> 00:32:10,799

are taken to high mountain passes

877

00:32:15,509 --> 00:32:13,519

bridges and summits of mountains and

878

00:32:17,990 --> 00:32:15,519

through the the test of time the wind

879

00:32:19,750 --> 00:32:18,000

the sun the snow the elements they

880

00:32:21,269 --> 00:32:19,760

slowly disintegrate and and the prayers

881

00:32:23,029 --> 00:32:21,279

are carried up to heaven

882

00:32:26,630 --> 00:32:23,039

so one of the things that i wanted to do

883

00:32:27,430 --> 00:32:26,640

is also pay tribute to some of my heroes

884

00:32:30,070 --> 00:32:27,440

uh

885

00:32:31,190 --> 00:32:30,080

heroes of space exploration so i had

886

00:32:33,269 --> 00:32:31,200

these uh

887

00:32:36,310 --> 00:32:33,279

flags uh made

888

00:32:39,990 --> 00:32:36,320

that that pay tribute to the apollo 1

889

00:32:43,430 --> 00:32:40,000

challenger columbia soyuz 1 and soyuz 11

890

00:32:46,389 --> 00:32:43,440

cruise and so uh these uh these flags uh

891

00:32:48,389 --> 00:32:46,399

exist now up on the top of the world and

892

00:32:51,190 --> 00:32:48,399

slowly uh but surely they'll also be

893

00:32:53,909 --> 00:32:51,200

carried back up into the heavens so

894

00:32:56,630 --> 00:32:53,919

and uh i'd already displayed this little

895

00:32:57,590 --> 00:32:56,640

uh fancy container but this is uh the

896

00:32:58,389 --> 00:32:57,600

summit

897

00:33:00,710 --> 00:32:58,399

of

898

00:33:01,909 --> 00:33:00,720

mount everest or just down the the the

899

00:33:04,070 --> 00:33:01,919

slope from the summit because it was

900

00:33:05,990 --> 00:33:04,080

getting kind of crowded at this point

901
00:33:07,430 --> 00:33:06,000
the the lunar sample and then denure

902
00:33:09,590 --> 00:33:07,440
really nailed this picture you can see

903
00:33:10,870 --> 00:33:09,600
that little sliver of a moon at the top

904
00:33:12,549 --> 00:33:10,880
of the frame

905
00:33:14,230 --> 00:33:12,559
you can also see the the frost on my

906
00:33:17,509 --> 00:33:14,240
eyebrows and

907
00:33:19,669 --> 00:33:17,519
it's cold up there it's probably -40 or

908
00:33:21,029 --> 00:33:19,679
below at this point

909
00:33:22,870 --> 00:33:21,039
you can also see the curvature of the

910
00:33:24,470 --> 00:33:22,880
earth from this vantage point and it's

911
00:33:26,470 --> 00:33:24,480
just unbelievable

912
00:33:28,389 --> 00:33:26,480
uh airy airy view

913
00:33:30,389 --> 00:33:28,399

on the summit ridge some of the sections

914

00:33:33,190 --> 00:33:30,399

of the summit ridge are only enough for

915

00:33:35,990 --> 00:33:33,200

your uh your boot to fit onto and it's

916

00:33:37,590 --> 00:33:36,000

uh perhaps morbid uh climber humor but

917

00:33:39,590 --> 00:33:37,600

the joke is if you're gonna fall at this

918

00:33:41,750 --> 00:33:39,600

point you want to fall to the left not

919

00:33:43,350 --> 00:33:41,760

to the right because if you fall

920

00:33:45,029 --> 00:33:43,360

to the right you're going to fall 8 000

921

00:33:47,110 --> 00:33:45,039

feet straight down if you fall to the

922

00:33:50,389 --> 00:33:47,120

left it's 10 000 feet straight down so

923

00:33:55,430 --> 00:33:52,389

we think that's funny i don't know um

924

00:33:58,230 --> 00:33:55,440

but uh so one of the things that uh was

925

00:34:00,710 --> 00:33:58,240

kind of cool for my summit is that uh

926
00:34:03,590 --> 00:34:00,720
i summoned it at night so i i just kind

927
00:34:05,909 --> 00:34:03,600
of blazed up the hillary step i i didn't

928
00:34:07,430 --> 00:34:05,919
have this perspective of looking 10 000

929
00:34:09,589 --> 00:34:07,440
feet straight down i think you know that

930
00:34:11,430 --> 00:34:09,599
that would be kind of a big gulp moment

931
00:34:14,069 --> 00:34:11,440
but this is what it looks like from the

932
00:34:17,190 --> 00:34:14,079
south summit this is uh the cornice

933
00:34:19,430 --> 00:34:17,200
ridge it's kind of hidden behind this uh

934
00:34:21,829 --> 00:34:19,440
this uh point here but you drop down

935
00:34:24,149 --> 00:34:21,839
about 50 or 60 feet across the cornice

936
00:34:27,190 --> 00:34:24,159
ridge here and then the crux is right up

937
00:34:30,310 --> 00:34:27,200
here it's about 60 feet of uh serious

938
00:34:32,869 --> 00:34:30,320

climbing with lots and lots of uh

939

00:34:35,990 --> 00:34:32,879

views i guess you would say and uh next

940

00:34:38,790 --> 00:34:36,000

slide here's a close-up view of uh

941

00:34:40,869 --> 00:34:38,800

of the hillary step and uh probably the

942

00:34:43,589 --> 00:34:40,879

toughest part is this traverse here on

943

00:34:45,349 --> 00:34:43,599

mixed rock and ice and snow and you're

944

00:34:46,950 --> 00:34:45,359

very very careful especially coming down

945

00:34:49,109 --> 00:34:46,960

it's it's one thing as you're as you're

946

00:34:50,389 --> 00:34:49,119

climbing up a mountain if you fall and

947

00:34:51,750 --> 00:34:50,399

trip you're going to fall into the

948

00:34:54,310 --> 00:34:51,760

mountain but on your way down if you

949

00:34:55,990 --> 00:34:54,320

catch a point it can be a really bad day

950

00:34:58,230 --> 00:34:56,000

so you really pay attention on the way

951
00:35:00,950 --> 00:34:58,240
down but you're also distracted by views

952
00:35:02,790 --> 00:35:00,960
like this this is the the shadow of

953
00:35:04,550 --> 00:35:02,800
everest as seen

954
00:35:05,910 --> 00:35:04,560
from that summit ridge

955
00:35:08,550 --> 00:35:05,920
just beautiful

956
00:35:10,470 --> 00:35:08,560
and arriving back at base camp

957
00:35:12,069 --> 00:35:10,480
it's about a six day round trip from

958
00:35:15,270 --> 00:35:12,079
base camp when you when you commit to

959
00:35:18,150 --> 00:35:15,280
the summit from base camp to the top

960
00:35:20,870 --> 00:35:18,160
and back down and i'm 25 pounds lighter

961
00:35:22,950 --> 00:35:20,880
than when i started this expedition so i

962
00:35:24,470 --> 00:35:22,960
think i'm going to write a fad book

963
00:35:26,069 --> 00:35:24,480

called the everest diet

964

00:35:28,230 --> 00:35:26,079

i hope you buy it

965

00:35:29,910 --> 00:35:28,240

but and here we are at the rum doodle

966

00:35:33,109 --> 00:35:29,920

the famous rum doodle and this is my

967

00:35:34,950 --> 00:35:33,119

buddy dawes eddie and uh i don't know if

968

00:35:36,150 --> 00:35:34,960

if you'd seen the the discovery uh

969

00:35:37,750 --> 00:35:36,160

channel you would have

970

00:35:40,470 --> 00:35:37,760

been introduced to him but he's an

971

00:35:43,349 --> 00:35:40,480

amazing human being he's 66 years old

972

00:35:45,190 --> 00:35:43,359

and for one day unfortunately he didn't

973

00:35:47,510 --> 00:35:45,200

hold the record for too long but he

974

00:35:50,230 --> 00:35:47,520

became the oldest uh american to stand

975

00:35:51,589 --> 00:35:50,240

on the top of the world he summited with

976
00:35:53,670 --> 00:35:51,599
me

977
00:35:56,710 --> 00:35:53,680
he's an ultra marathoner and

978
00:35:58,550 --> 00:35:56,720
just a great spirit always smiling

979
00:36:00,390 --> 00:35:58,560
always positive and

980
00:36:02,310 --> 00:36:00,400
it was really amazing to share the

981
00:36:05,430 --> 00:36:02,320
experience with him and here we are at

982
00:36:06,870 --> 00:36:05,440
dinner after the expedition

983
00:36:09,670 --> 00:36:06,880
i usually don't condone the use of

984
00:36:12,310 --> 00:36:09,680
alcohol but on on occasion

985
00:36:13,910 --> 00:36:12,320
here we are with our everest beers uh uh

986
00:36:15,829 --> 00:36:13,920
and really had a great time that that

987
00:36:18,390 --> 00:36:15,839
night uh this is uh keith of course and

988
00:36:19,829 --> 00:36:18,400

then mike hamill and chris uh who i

989

00:36:22,470 --> 00:36:19,839

think will be going back next year he

990

00:36:23,990 --> 00:36:22,480

made it up a little bit above camp four

991

00:36:26,470 --> 00:36:24,000

and uh there's a very strong climber i

992

00:36:29,270 --> 00:36:26,480

hope he goes back and tops out

993

00:36:31,589 --> 00:36:29,280

and there's dawes

994

00:36:33,030 --> 00:36:31,599

so one of the fun things we did

995

00:36:34,630 --> 00:36:33,040

is uh

996

00:36:36,470 --> 00:36:34,640

had communications with international

997

00:36:39,109 --> 00:36:36,480

space station mike barrett and koichi

998

00:36:40,870 --> 00:36:39,119

wakata were on orbit my close buddies

999

00:36:42,230 --> 00:36:40,880

and it was actually mike barrett's 50th

1000

00:36:43,190 --> 00:36:42,240

birthday so we'll just play this little

1001
00:36:45,349 --> 00:36:43,200
video

1002
00:36:57,750 --> 00:36:45,359
hey mike this is uh scott and friends

1003
00:37:00,630 --> 00:36:58,710
oh

1004
00:37:02,630 --> 00:37:00,640
i really struggled to figure out

1005
00:37:04,390 --> 00:37:02,640
something to get you the guy that has

1006
00:37:06,150 --> 00:37:04,400
everything in the world

1007
00:37:08,310 --> 00:37:06,160
uh for his birthday for his 50th

1008
00:37:09,990 --> 00:37:08,320
birthday and i decided the best thing i

1009
00:37:12,230 --> 00:37:10,000
could do for you is not saying happy

1010
00:37:14,310 --> 00:37:12,240
birthday to you instead i've enlisted

1011
00:37:16,150 --> 00:37:14,320
the support of danuru and his singing

1012
00:37:18,230 --> 00:37:16,160
sherpas and they're going to sing happy

1013
00:37:31,270 --> 00:37:18,240

birthday to you in the sherpa language

1014

00:37:38,069 --> 00:37:33,829

there you go happy birthday mike happy

1015

00:37:41,990 --> 00:37:41,030

everyone here at base camp or at uh camp

1016

00:37:47,349 --> 00:37:42,000

2

1017

00:37:51,510 --> 00:37:49,030

you should hear their studio cut they're

1018

00:37:53,030 --> 00:37:51,520

awesome uh that might just improve you

1019

00:37:55,030 --> 00:37:53,040

but once you hear them on vinyl they're

1020

00:37:57,510 --> 00:37:55,040

great

1021

00:37:59,430 --> 00:37:57,520

i wish you continued success on your uh

1022

00:38:01,510 --> 00:37:59,440

on your expedition if all goes well and

1023

00:38:03,030 --> 00:38:01,520

uh in a few weeks uh we'll somehow

1024

00:38:05,990 --> 00:38:03,040

figure out a way to patch into you from

1025

00:38:07,990 --> 00:38:06,000

the summit of everest so

1026

00:38:15,990 --> 00:38:08,000

so there you go thank you very much for

1027

00:38:21,349 --> 00:38:18,470

so i i think we have time for a few

1028

00:38:22,630 --> 00:38:21,359

questions uh miles you want to yeah yeah

1029

00:38:23,990 --> 00:38:22,640

i mean i didn't mention it at the

1030

00:38:26,069 --> 00:38:24,000

beginning but if you have any questions

1031

00:38:28,390 --> 00:38:26,079

for uh scott or

1032

00:38:29,589 --> 00:38:28,400

keith or myself about the project or

1033

00:38:30,790 --> 00:38:29,599

about

1034

00:38:32,150 --> 00:38:30,800

he's got a lot of things you can talk

1035

00:38:34,470 --> 00:38:32,160

about we can't talk about like being in

1036

00:38:35,990 --> 00:38:34,480

space and summitting everest but uh if

1037

00:38:42,390 --> 00:38:36,000

you have any questions about uh what he

1038

00:38:45,670 --> 00:38:44,069

the question is about

1039

00:38:46,390 --> 00:38:45,680

the fact that your back hurts you so

1040

00:38:48,390 --> 00:38:46,400

much

1041

00:38:50,069 --> 00:38:48,400

the first time and you know what that

1042

00:38:51,109 --> 00:38:50,079

was and why didn't it happen i should

1043

00:38:53,750 --> 00:38:51,119

have i should have mentioned that

1044

00:38:55,589 --> 00:38:53,760

actually i came home uh i assumed that

1045

00:38:58,230 --> 00:38:55,599

the pain would go away as it always had

1046

00:39:00,230 --> 00:38:58,240

in the past i'd had i'm a fairly tall

1047

00:39:02,150 --> 00:39:00,240

guy so i'd had back issues in the past

1048

00:39:04,390 --> 00:39:02,160

turns out i had a ruptured disc in my

1049

00:39:06,390 --> 00:39:04,400

back and so the pain was not going away

1050

00:39:09,190 --> 00:39:06,400

in fact it was getting worse and so i

1051
00:39:11,349 --> 00:39:09,200
had surgery and uh that enabled me to

1052
00:39:12,870 --> 00:39:11,359
get back to the mountain this year

1053
00:39:14,470 --> 00:39:12,880
that's an important detail you left out

1054
00:39:15,910 --> 00:39:14,480
yeah

1055
00:39:17,750 --> 00:39:15,920
he was not kidding around his back

1056
00:39:18,790 --> 00:39:17,760
really hurt

1057
00:39:20,870 --> 00:39:18,800
go ahead

1058
00:39:22,710 --> 00:39:20,880
do the difficulties phase in the mount

1059
00:39:25,349 --> 00:39:22,720
everest and the

1060
00:39:27,589 --> 00:39:25,359
in the space a similar hour

1061
00:39:29,990 --> 00:39:27,599
well that's a great question uh they're

1062
00:39:31,670 --> 00:39:30,000
very similar in many ways you know you

1063
00:39:33,589 --> 00:39:31,680

saw on on the summit of matt everest

1064

00:39:36,710 --> 00:39:33,599

wearing the big down suit wearing oxygen

1065

00:39:38,470 --> 00:39:36,720

big bulky gloves uh ropes and things

1066

00:39:40,870 --> 00:39:38,480

kind of like tethers we use out on space

1067

00:39:42,390 --> 00:39:40,880

walks so when i left my tent that

1068

00:39:43,829 --> 00:39:42,400

morning for the summit in the pitch

1069

00:39:45,670 --> 00:39:43,839

darkness i felt like i was leaving the

1070

00:39:48,790 --> 00:39:45,680

airlock of the international space

1071

00:39:50,710 --> 00:39:48,800

station i had all this gear on i was

1072

00:39:53,349 --> 00:39:50,720

dependent on my gear my training my

1073

00:39:55,589 --> 00:39:53,359

physical fitness is counting on my my

1074

00:39:58,230 --> 00:39:55,599

mission control team at base camp and

1075

00:40:01,589 --> 00:39:58,240

back at the laundry room and uh and so

1076

00:40:03,190 --> 00:40:01,599

it really uh felt a lot like uh

1077

00:40:04,630 --> 00:40:03,200

a space flight there's some differences

1078

00:40:06,630 --> 00:40:04,640

though too um

1079

00:40:11,270 --> 00:40:06,640

i think on mount everest when you're out

1080

00:40:13,109 --> 00:40:11,280

there uh even in base camp you feel

1081

00:40:14,550 --> 00:40:13,119

at risk

1082

00:40:17,270 --> 00:40:14,560

from the elements all the time because

1083

00:40:18,790 --> 00:40:17,280

it's cold it's uncomfortable

1084

00:40:20,950 --> 00:40:18,800

you're you're exerting yourself very

1085

00:40:22,150 --> 00:40:20,960

very hard every single day whereas up in

1086

00:40:23,670 --> 00:40:22,160

space you know you see us and we're

1087

00:40:25,430 --> 00:40:23,680

floating around and we push off with our

1088

00:40:27,430 --> 00:40:25,440

fingertips and fly like buzz lightyear

1089

00:40:28,150 --> 00:40:27,440

and do all these neat things and so it's

1090

00:40:30,790 --> 00:40:28,160

not

1091

00:40:31,750 --> 00:40:30,800

uh you don't have the same sense of uh

1092

00:40:32,630 --> 00:40:31,760

of

1093

00:40:34,630 --> 00:40:32,640

uh

1094

00:40:37,510 --> 00:40:34,640

of risk or danger as you do on mount

1095

00:40:39,030 --> 00:40:37,520

everest even though it it's there

1096

00:40:42,630 --> 00:40:39,040

good question so space is a piece of

1097

00:40:47,430 --> 00:40:43,670

go ahead

1098

00:40:49,030 --> 00:40:47,440

in such an adverse area that you are

1099

00:40:51,349 --> 00:40:49,040

doing

1100

00:40:52,550 --> 00:40:51,359

what do you usually eat

1101

00:40:55,430 --> 00:40:52,560

on the mountain

1102

00:40:56,790 --> 00:40:55,440

yeah um so we we took a fair amount of

1103

00:40:58,870 --> 00:40:56,800

uh western it's not exactly a hoat

1104

00:41:00,870 --> 00:40:58,880

cuisine isn't it no well it's hot but

1105

00:41:02,790 --> 00:41:00,880

it's not cuisine that's the right way to

1106

00:41:05,270 --> 00:41:02,800

say it yeah so uh we ate a lot of the

1107

00:41:07,190 --> 00:41:05,280

sherpa food and they love uh and i used

1108

00:41:09,109 --> 00:41:07,200

to love it too called dollbot and it's

1109

00:41:11,270 --> 00:41:09,119

the rice and lentils and i think that's

1110

00:41:13,510 --> 00:41:11,280

kind of exotic it's it's uh it's a neat

1111

00:41:15,510 --> 00:41:13,520

taste but it was coming out of my skin

1112

00:41:17,030 --> 00:41:15,520

by the you know the second month i was

1113

00:41:19,430 --> 00:41:17,040

so sick of it and then the other thing

1114

00:41:20,550 --> 00:41:19,440

that they take up uh to the high camps

1115

00:41:23,510 --> 00:41:20,560

is spam

1116

00:41:24,630 --> 00:41:23,520

and i'm not a big fan of spam anymore

1117

00:41:26,069 --> 00:41:24,640

because they would fry it they would

1118

00:41:27,349 --> 00:41:26,079

boil it they would you know they had all

1119

00:41:31,190 --> 00:41:27,359

sorts of different ways to prepare it

1120

00:41:44,470 --> 00:41:32,710

space food is better

1121

00:41:49,349 --> 00:41:46,710

well i define success by making a round

1122

00:41:52,390 --> 00:41:49,359

trip so that's the so whether or not you

1123

00:41:55,750 --> 00:41:52,400

you touch you tag the summit uh

1124

00:41:57,510 --> 00:41:55,760

there are about 250 to 300 aspirants

1125

00:41:59,030 --> 00:41:57,520

each year that try

1126

00:42:00,710 --> 00:41:59,040

uh typically i don't know the final

1127

00:42:03,510 --> 00:42:00,720

count this year to be perfectly honest

1128

00:42:05,349 --> 00:42:03,520

that was the number from 2008 i'm not

1129

00:42:06,950 --> 00:42:05,359

exactly sure for this but it would

1130

00:42:08,390 --> 00:42:06,960

surprise me with the numbers in base

1131

00:42:09,829 --> 00:42:08,400

camp there are quite a few people who go

1132

00:42:11,750 --> 00:42:09,839

to base camp yeah so the the

1133

00:42:14,630 --> 00:42:11,760

infrastructure to support you know so

1134

00:42:16,309 --> 00:42:14,640

there are cooks and porters and yacht

1135

00:42:18,069 --> 00:42:16,319

teams that are coming and going and then

1136

00:42:21,750 --> 00:42:18,079

one thing i forgot to mention uh we had

1137

00:42:23,190 --> 00:42:21,760

a great team led by sabrina singh uh

1138

00:42:26,069 --> 00:42:23,200

here at the johnson space center she

1139

00:42:28,950 --> 00:42:26,079

brought in a trekking team from nasa uh

1140

00:42:31,430 --> 00:42:28,960

both years uh and i was really thrilled

1141

00:42:33,510 --> 00:42:31,440

to have have them come in but

1142

00:42:35,349 --> 00:42:33,520

trackers come into base camp as well so

1143

00:42:37,270 --> 00:42:35,359

the city grows to you know probably a

1144

00:42:40,150 --> 00:42:37,280

thousand people at its peak

1145

00:42:41,670 --> 00:42:40,160

uh a lot of people in base camp but once

1146

00:42:44,069 --> 00:42:41,680

you get up higher in the mountain uh

1147

00:42:46,390 --> 00:42:44,079

it's it's much more limited uh you want

1148

00:42:48,230 --> 00:42:46,400

to uh as i said be ahead of the head of

1149

00:42:50,790 --> 00:42:48,240

the game hopefully pick a day where not

1150

00:42:53,589 --> 00:42:50,800

as many people are going up because even

1151
00:42:54,390 --> 00:42:53,599
even uh 40 or 50 people is a crowd up

1152
00:42:56,550 --> 00:42:54,400
there

1153
00:42:59,589 --> 00:42:56,560
and uh so that we have seen days where

1154
00:43:00,630 --> 00:42:59,599
40 or 50 people have have tried to go up

1155
00:43:02,710 --> 00:43:00,640
and

1156
00:43:05,109 --> 00:43:02,720
it wasn't a factor for my day i think we

1157
00:43:06,790 --> 00:43:05,119
may have had 35 people

1158
00:43:10,309 --> 00:43:06,800
try

1159
00:43:12,069 --> 00:43:10,319
the success ratio it's a one in three

1160
00:43:14,390 --> 00:43:12,079
who leave base camp for the summit make

1161
00:43:16,309 --> 00:43:14,400
it to the top

1162
00:43:18,150 --> 00:43:16,319
and on that ridge it's it's a one-way

1163
00:43:19,829 --> 00:43:18,160

path you can't that's right right you

1164

00:43:21,750 --> 00:43:19,839

that you have to wait you have to wait

1165

00:43:22,550 --> 00:43:21,760

on one one side of the cornice or the

1166

00:43:24,470 --> 00:43:22,560

other

1167

00:43:26,390 --> 00:43:24,480

anybody else questions if you are given

1168

00:43:29,270 --> 00:43:26,400

a chance to live in moon what would you

1169

00:43:31,510 --> 00:43:29,280

do how would you feel i'm sorry if you

1170

00:43:33,270 --> 00:43:31,520

had the chance to live in moon oh what

1171

00:43:35,190 --> 00:43:33,280

would you do how would you feel

1172

00:43:38,069 --> 00:43:35,200

i would be thrilled to live on the moon

1173

00:43:40,630 --> 00:43:38,079

and i i hope that uh um in the the years

1174

00:43:43,109 --> 00:43:40,640

to come uh we will be going back to the

1175

00:43:45,030 --> 00:43:43,119

moon to live to stay for not just a few

1176

00:43:47,030 --> 00:43:45,040

days at a time but to explore

1177

00:43:49,990 --> 00:43:47,040

um to uh

1178

00:43:52,150 --> 00:43:50,000

to visit uh you know unseen craters to

1179

00:43:53,270 --> 00:43:52,160

see if we can live off of the land maybe

1180

00:43:55,349 --> 00:43:53,280

even to use

1181

00:43:57,190 --> 00:43:55,359

the the structure of the craters there

1182

00:43:59,990 --> 00:43:57,200

for radio astronomy there are all sorts

1183

00:44:01,030 --> 00:44:00,000

of things that we could do to explore uh

1184

00:44:03,190 --> 00:44:01,040

the moon

1185

00:44:05,349 --> 00:44:03,200

and also understand the origins of of

1186

00:44:07,589 --> 00:44:05,359

our solar system and then also use that

1187

00:44:09,990 --> 00:44:07,599

as a test bed so that we can ultimately

1188

00:44:11,750 --> 00:44:10,000

get to the planet mars which uh has a

1189

00:44:14,150 --> 00:44:11,760

lot of promise for

1190

00:44:15,670 --> 00:44:14,160

uh understanding how life might have

1191

00:44:17,510 --> 00:44:15,680

once evolved

1192

00:44:19,510 --> 00:44:17,520

in another planet what's the tallest

1193

00:44:21,750 --> 00:44:19,520

peak in the moon do you know

1194

00:44:23,430 --> 00:44:21,760

i think it's like 10 000 feet yeah

1195

00:44:25,270 --> 00:44:23,440

anyone ten thousand feet at one sixth

1196

00:44:26,790 --> 00:44:25,280

gravity no problem right you can do that

1197

00:44:28,790 --> 00:44:26,800

in a day yeah it'd be a stroll right

1198

00:44:31,109 --> 00:44:28,800

yeah and then actually the olympus mons

1199

00:44:33,109 --> 00:44:31,119

on mars is 25 miles tall so it's five

1200

00:44:35,990 --> 00:44:33,119

times as high as everest yeah but that's

1201

00:44:37,910 --> 00:44:36,000

one third g's that would be a beautiful

1202

00:44:39,750 --> 00:44:37,920

anybody else yeah go ahead

1203

00:44:41,750 --> 00:44:39,760

so scott what now

1204

00:44:44,710 --> 00:44:41,760

uh well uh you know life is very

1205

00:44:46,550 --> 00:44:44,720

exciting i i have uh um

1206

00:44:49,349 --> 00:44:46,560

this is kind of this actual event is

1207

00:44:51,190 --> 00:44:49,359

sort of uh the final chapter in my uh my

1208

00:44:53,109 --> 00:44:51,200

everest expedition sharing it with uh

1209

00:44:56,069 --> 00:44:53,119

miles and keith and all of you and

1210

00:44:57,589 --> 00:44:56,079

handing the the rocks uh to back to nasa

1211

00:44:59,430 --> 00:44:57,599

into george's care

1212

00:45:00,950 --> 00:44:59,440

uh but i have other uh there are other

1213

00:45:03,109 --> 00:45:00,960

mountains to climb other

1214

00:45:05,270 --> 00:45:03,119

other exciting adventures out there

1215

00:45:07,990 --> 00:45:05,280

i don't know if they'll

1216

00:45:10,150 --> 00:45:08,000

be exciting to the the greater world uh

1217

00:45:12,550 --> 00:45:10,160

but you know that's uh

1218

00:45:13,750 --> 00:45:12,560

that's not probably so important uh i i

1219

00:45:16,069 --> 00:45:13,760

know that i'll

1220

00:45:19,510 --> 00:45:16,079

always have adventure in my life and uh

1221

00:45:20,630 --> 00:45:19,520

we'll see where it takes me

1222

00:45:23,030 --> 00:45:20,640

um

1223

00:45:26,069 --> 00:45:24,230

the question was you want to write a

1224

00:45:27,109 --> 00:45:26,079

book yeah

1225

00:45:28,150 --> 00:45:27,119

that's a lot of work i think it's

1226

00:45:29,430 --> 00:45:28,160

actually more worth than going doing

1227

00:45:31,510 --> 00:45:29,440

everything yeah i think

1228

00:45:32,790 --> 00:45:31,520

go ahead go ahead if you are given a

1229

00:45:34,230 --> 00:45:32,800

chance to

1230

00:45:35,109 --> 00:45:34,240

if you are uh

1231

00:45:37,510 --> 00:45:35,119

if

1232

00:45:38,870 --> 00:45:37,520

chandrayaan has found water on the moon

1233

00:45:41,910 --> 00:45:38,880

do you believe it

1234

00:45:44,309 --> 00:45:41,920

i do i i very much believe that uh the

1235

00:45:46,950 --> 00:45:44,319

discoveries of the chandra uh uh

1236

00:45:48,790 --> 00:45:46,960

satellite uh have have discovered water

1237

00:45:51,190 --> 00:45:48,800

on the moon and it's a great target for

1238

00:45:54,069 --> 00:45:51,200

us to uh to send human beings as well

1239

00:45:56,550 --> 00:45:54,079

because we can use that water ice to

1240

00:45:59,190 --> 00:45:56,560

extract oxygen to to extract water as

1241

00:46:02,390 --> 00:45:59,200

well to melt it uh for uh for drinking

1242

00:46:04,550 --> 00:46:02,400

uh maybe even to to grow crops uh using

1243

00:46:06,230 --> 00:46:04,560

the lunar soil so it's very exciting uh

1244

00:46:08,390 --> 00:46:06,240

discovery and i think that may be the

1245

00:46:10,230 --> 00:46:08,400

very first place where we we send human

1246

00:46:12,230 --> 00:46:10,240

beings back to the moon

1247

00:46:14,230 --> 00:46:12,240

two more questions and you can probably

1248

00:46:15,589 --> 00:46:14,240

make rocket fuel out of that too right

1249

00:46:19,030 --> 00:46:15,599

that's right

1250

00:46:23,030 --> 00:46:20,470

how much damage

1251
00:46:26,150 --> 00:46:23,040
how much days did it took to climb mount

1252
00:46:27,349 --> 00:46:26,160
everest how much how much how many days

1253
00:46:30,550 --> 00:46:27,359
oh uh

1254
00:46:33,109 --> 00:46:31,910
60 days

1255
00:46:35,670 --> 00:46:33,119
from uh

1256
00:46:38,309 --> 00:46:35,680
um from leaving here in houston my home

1257
00:46:39,270 --> 00:46:38,319
to standing on the top

1258
00:46:41,430 --> 00:46:39,280
so

1259
00:46:42,710 --> 00:46:41,440
now you see why i couldn't go yeah

1260
00:46:44,550 --> 00:46:42,720
i'll get out of that we couldn't get out

1261
00:46:48,069 --> 00:46:44,560
of the laundry room

1262
00:46:50,309 --> 00:46:48,079
too many spin cycles to do go ahead

1263
00:46:52,950 --> 00:46:50,319

you made all the way to space and you

1264

00:46:55,430 --> 00:46:52,960

even uh conquered mount everest so which

1265

00:46:57,430 --> 00:46:55,440

according to is a greater achievement

1266

00:46:59,109 --> 00:46:57,440

oh good question that's good good

1267

00:47:03,670 --> 00:46:59,119

question

1268

00:47:05,430 --> 00:47:03,680

you're a plant yeah future reporter

1269

00:47:06,790 --> 00:47:05,440

right there i'll tell you right yeah

1270

00:47:08,550 --> 00:47:06,800

that's a great question well they're

1271

00:47:10,550 --> 00:47:08,560

very different you know i i wouldn't

1272

00:47:11,990 --> 00:47:10,560

trade either experience uh for the world

1273

00:47:13,270 --> 00:47:12,000

they're they're very very different i'm

1274

00:47:19,030 --> 00:47:13,280

very uh

1275

00:47:19,829 --> 00:47:19,040

uh been able to follow my dreams and and

1276

00:47:25,990 --> 00:47:19,839

to

1277

00:47:28,230 --> 00:47:26,000

they're both very different though

1278

00:47:31,109 --> 00:47:28,240

um but you know there are experiences

1279

00:47:31,990 --> 00:47:31,119

that uh uh will always stay with me for

1280

00:47:33,990 --> 00:47:32,000

sure

1281

00:47:35,430 --> 00:47:34,000

i think he waffled on that one i did i i

1282

00:47:42,710 --> 00:47:35,440

i

1283

00:47:44,309 --> 00:47:42,720

you yeah

1284

00:47:46,390 --> 00:47:44,319

listen thank you very much for joining

1285

00:47:47,670 --> 00:47:46,400

us here it was a great uh to see you all

1286

00:47:48,950 --> 00:47:47,680

especially this group from india thank

1287

00:47:49,910 --> 00:47:48,960

you for being here give them a round of

1288

00:47:51,510 --> 00:47:49,920

applause and we wish you well

1289

00:47:55,349 --> 00:47:51,520

congratulations

1290

00:47:58,470 --> 00:47:56,870

i think uh are we giving each other

1291

00:47:59,829 --> 00:47:58,480

feedback get away from me get away i

1292

00:48:00,549 --> 00:47:59,839

think you think it's the microphones

1293

00:48:04,069 --> 00:48:00,559

yeah

1294

00:48:05,270 --> 00:48:04,079

take your wireless and get out of here

1295

00:48:06,790 --> 00:48:05,280

uh thanks for dinner last night i

1296

00:48:08,309 --> 00:48:06,800

appreciate that to get out of here

1297

00:48:09,990 --> 00:48:08,319

um all right so what we're gonna do now

1298

00:48:11,910 --> 00:48:10,000

uh thank you thank you to everybody

1299

00:48:12,950 --> 00:48:11,920

who's here um george you still i thought

1300

00:48:13,990 --> 00:48:12,960

you had to go to training he's got to

1301

00:48:15,750 --> 00:48:14,000

get back to training but we want to

1302

00:48:17,190 --> 00:48:15,760

thank him for coming and receiving the

1303

00:48:19,990 --> 00:48:17,200

plaque it's gonna be really cool to see

1304

00:48:21,990 --> 00:48:20,000

that in space we also have uh we want to

1305

00:48:23,430 --> 00:48:22,000

get some pictures out by the space suit

1306

00:48:25,349 --> 00:48:23,440

area is that right yes there'll be an

1307

00:48:27,190 --> 00:48:25,359

opportunity there for reporters to ask

1308

00:48:29,030 --> 00:48:27,200

questions and uh do that that's

1309

00:48:30,630 --> 00:48:29,040

immediately what out to the right which

1310

00:48:32,150 --> 00:48:30,640

way across the hall across the hall you

1311

00:48:33,109 --> 00:48:32,160

sort of can't miss it so meet us out

1312

00:48:34,710 --> 00:48:33,119

there we're gonna be here for a little

1313

00:48:36,069 --> 00:48:34,720

bit i think george has to go pretty

1314

00:48:37,670 --> 00:48:36,079

quickly right but you're gonna be able

1315

00:48:39,510 --> 00:48:37,680

to join us for a little bit of that and

1316

00:48:41,349 --> 00:48:39,520

and so you can sort of uh shake

1317

00:48:42,790 --> 00:48:41,359

everybody's hand and do all that but

1318

00:48:44,549 --> 00:48:42,800

thanks again for being here it was great

1319

00:48:46,390 --> 00:48:44,559

experience for me even though i left the

1320

00:48:47,910 --> 00:48:46,400

laundry room and really had a lot of fun

1321

00:48:49,910 --> 00:48:47,920

and maybe one day i'll get a chance to

1322

00:48:51,589 --> 00:48:49,920

go there but in the meantime i'll i'll