



1
00:00:06,079 --> 00:00:04,490
well good morning to you from NASA's

2
00:00:07,460 --> 00:00:06,089
Johnson Space Center in Houston and

3
00:00:10,089 --> 00:00:07,470
welcome to today's mission status

4
00:00:12,470 --> 00:00:10,099
briefing as we take a look at sts-132

5
00:00:13,999 --> 00:00:12,480
Atlantis's crew is now focused on the to

6
00:00:15,829 --> 00:00:14,009
landing opportunities tomorrow at the

7
00:00:17,300 --> 00:00:15,839
Kennedy Space Center and here to give us

8
00:00:19,279 --> 00:00:17,310
more details about what's ahead for the

9
00:00:21,290 --> 00:00:19,289
shuttle is the entry flight director

10
00:00:24,500 --> 00:00:21,300
Tony so catchy go ahead Tony alright

11
00:00:27,710 --> 00:00:24,510
thanks Josh and good morning to all well

12
00:00:31,130 --> 00:00:27,720
Lana Center crew had a very successful

13
00:00:33,729 --> 00:00:31,140

flight 812 morning they started readying

14

00:00:37,340 --> 00:00:33,739

themselves for their return trip home

15

00:00:40,490 --> 00:00:37,350

crew woke up about eleven-thirty Monday

16

00:00:42,229 --> 00:00:40,500

night and I hit the ground running what

17

00:00:44,240 --> 00:00:42,239

we did basically is typical in the

18

00:00:46,670 --> 00:00:44,250

mission minus 1 activities we did the

19

00:00:49,310 --> 00:00:46,680

flight control system check out and that

20

00:00:50,959 --> 00:00:49,320

went well with no anomalies so the

21

00:00:54,799 --> 00:00:50,969

flight control system is ready for entry

22

00:00:58,340 --> 00:00:54,809

we also did a reaction control jet a hot

23

00:01:00,020 --> 00:00:58,350

fire and again all the Jets operated as

24

00:01:04,399 --> 00:01:00,030

expected so we have all that capability

25

00:01:07,820 --> 00:01:04,409

to support entry tomorrow CDR and pilot

26

00:01:09,590 --> 00:01:07,830

also did perform landing simulations

27

00:01:11,719 --> 00:01:09,600

they have a application on board they

28

00:01:14,690 --> 00:01:11,729

call pilot and they get to practice

29

00:01:16,700 --> 00:01:14,700

doing landings and basically get that

30

00:01:20,179 --> 00:01:16,710

field back in there are focused back in

31

00:01:22,070 --> 00:01:20,189

their mind after a long doc mission of

32

00:01:23,780 --> 00:01:22,080

course also standard end emission minus

33

00:01:26,810 --> 00:01:23,790

1 activities where we do the cabin stow

34

00:01:29,020 --> 00:01:26,820

and get all the field configured and all

35

00:01:33,050 --> 00:01:29,030

the things put away to support entry

36

00:01:34,999 --> 00:01:33,060

this afternoon is pretty light beside

37

00:01:38,030 --> 00:01:35,009

the cabin still there's one secondary

38

00:01:41,179 --> 00:01:38,040

payload of opportunity guys a simplex

39

00:01:43,670 --> 00:01:41,189

burn so two ohm's engine burn about 10

40

00:01:46,219 --> 00:01:43,680

seconds and basically what that does

41

00:01:48,440 --> 00:01:46,229

they do that over specific ground site

42

00:01:50,840 --> 00:01:48,450

and they're looking for atmospheric

43

00:01:53,630 --> 00:01:50,850

disturbances caused by the OMB's engines

44

00:01:55,550 --> 00:01:53,640

exhaust and then we thought went out

45

00:02:00,260 --> 00:01:55,560

when that is complete the crew goes to

46

00:02:04,789 --> 00:02:00,270

bed around 320 this afternoon one of the

47

00:02:08,880 --> 00:02:04,799

things that for the late inspection the

48

00:02:10,590 --> 00:02:08,890

teams did review the ldr I imagery and

49

00:02:13,710 --> 00:02:10,600

preliminary assessment shows that

50

00:02:15,840 --> 00:02:13,720

there's no issues with the TPS and of

51
00:02:18,420 --> 00:02:15,850
course they'll be discussing that at the

52
00:02:22,320 --> 00:02:18,430
mmt later on this morning and then

53
00:02:24,390 --> 00:02:22,330
they'll give the official go for on the

54
00:02:26,070 --> 00:02:24,400
vehicles go for entry but again they're

55
00:02:27,630 --> 00:02:26,080
still crossing the T's and dotting the

56
00:02:31,050 --> 00:02:27,640
i's to make sure they've checked

57
00:02:32,640 --> 00:02:31,060
everything one thing I want to talk

58
00:02:35,550 --> 00:02:32,650
about and I know a lot of you folks been

59
00:02:37,350 --> 00:02:35,560
asking this the past few days about the

60
00:02:41,820 --> 00:02:37,360
weather so I'll give you a quick summary

61
00:02:44,130 --> 00:02:41,830
about that there's this morning we had a

62
00:02:46,080 --> 00:02:44,140
upper level low come through a que se

63
00:02:48,360 --> 00:02:46,090

and we had the rain as you probably saw

64

00:02:51,810 --> 00:02:48,370

this morning and that's expected to move

65

00:02:54,930 --> 00:02:51,820

out today but there is a roll out in the

66

00:02:58,890 --> 00:02:54,940

Atlantic and it's forecasted to be about

67

00:03:00,690 --> 00:02:58,900

300 400 miles on northeast of KSC and of

68

00:03:04,610 --> 00:03:00,700

course that's going to have an influence

69

00:03:08,340 --> 00:03:04,620

on the KSC weather tomorrow morning

70

00:03:11,640 --> 00:03:08,350

let's see basically there's a chance of

71

00:03:13,170 --> 00:03:11,650

showers within 30 mile circle and of

72

00:03:16,319 --> 00:03:13,180

course you know you all know that it's

73

00:03:19,080 --> 00:03:16,329

KSC so it's a 50-50 chance no matter

74

00:03:20,940 --> 00:03:19,090

what the forecast says and we're going

75

00:03:22,710 --> 00:03:20,950

to continue to watch at one of the good

76
00:03:23,940 --> 00:03:22,720
things is that you know been watching

77
00:03:26,699 --> 00:03:23,950
the trends for a while and their

78
00:03:29,100 --> 00:03:26,709
training favorably so our hope is when

79
00:03:31,710 --> 00:03:29,110
we come in this evening or tomorrow

80
00:03:33,660 --> 00:03:31,720
morning things will still be trending in

81
00:03:36,420 --> 00:03:33,670
a good direction and we won't have to

82
00:03:38,009 --> 00:03:36,430
work at that hard but again it's KSC and

83
00:03:40,440 --> 00:03:38,019
we'll get what we get when we get there

84
00:03:42,420 --> 00:03:40,450
in the morning as far as the orbiter

85
00:03:44,759 --> 00:03:42,430
consumables we have enough consumables

86
00:03:48,600 --> 00:03:44,769
to support out to an emission plus three

87
00:03:51,650 --> 00:03:48,610
as you heard both vallejo and the cryo

88
00:03:55,380 --> 00:03:51,660

two are the limiting consumers for that

89

00:03:57,120 --> 00:03:55,390

as far as the landing strategy myself

90

00:03:59,100 --> 00:03:57,130

and the teams put together with the end

91

00:04:01,400 --> 00:03:59,110

emission plus three in the current

92

00:04:03,870 --> 00:04:01,410

forecasts weather forecasts that we have

93

00:04:05,729 --> 00:04:03,880

and kind of what just talked about

94

00:04:08,280 --> 00:04:05,739

earlier is that tomorrow will be trying

95

00:04:10,800 --> 00:04:08,290

a casi only and if for some reason we

96

00:04:14,520 --> 00:04:10,810

have to wave off the plan is a Cassie

97

00:04:16,560 --> 00:04:14,530

only on Thursday but of course and will

98

00:04:18,990 --> 00:04:16,570

Casey only on Thursday and then pick'em

99

00:04:21,360 --> 00:04:19,000

day would be on Friday and emission plus

100

00:04:22,740 --> 00:04:21,370

two but as we wave off of course we'll

101

00:04:24,270 --> 00:04:22,750

reevaluate the weather

102

00:04:26,610 --> 00:04:24,280

and determine that maybe we want to move

103

00:04:28,440 --> 00:04:26,620

up the pick'em day maybe one day early

104

00:04:32,550 --> 00:04:28,450

depending on how the forecasts are and

105

00:04:34,020 --> 00:04:32,560

the rest of the sites let's see that's

106

00:04:37,410 --> 00:04:34,030

basically all ahead for you guys today

107

00:04:40,020 --> 00:04:37,420

oh I'm sorry let me talk about our

108

00:04:42,570 --> 00:04:40,030

landing opportunities that I never

109

00:04:45,330 --> 00:04:42,580

tantly over there tomorrow's activities

110

00:04:47,880 --> 00:04:45,340

the crew will wake up at around eleven

111

00:04:51,020 --> 00:04:47,890

thirty this evening and the orbit prep

112

00:04:52,860 --> 00:04:51,030

will begin around 241 a.m. central time

113

00:04:54,600 --> 00:04:52,870

we're going to close the payload bay

114

00:04:57,840 --> 00:04:54,610

doors at around four o'clock central

115

00:05:02,070 --> 00:04:57,850

time in the morning and our goal is to

116

00:05:04,590 --> 00:05:02,080

hit the first KSC opportunity KSC 186

117

00:05:07,770 --> 00:05:04,600

and the tig for that is around 641

118

00:05:09,900 --> 00:05:07,780

central with the landing around 748

119

00:05:18,959 --> 00:05:09,910

let's see if we can put the ground track

120

00:05:24,439 --> 00:05:21,959

alright I could talk about it before

121

00:05:26,279 --> 00:05:24,449

while it's getting up there okay

122

00:05:30,239 --> 00:05:26,289

basically the ground track is going to

123

00:05:31,829 --> 00:05:30,249

take us over Honduras and Nicaragua and

124

00:05:35,600 --> 00:05:31,839

Central America and then of course we're

125

00:05:38,339 --> 00:05:35,610

going to go over the Caribbean and Cuba

126
00:05:40,949 --> 00:05:38,349
and then once we get to Florida we'll be

127
00:05:43,949 --> 00:05:40,959
right over the Florida Everglades over

128
00:05:47,129 --> 00:05:43,959
Lake Okeechobee and then of course run

129
00:05:50,189 --> 00:05:47,139
parallel to the coast before we do our

130
00:05:52,109 --> 00:05:50,199
landing at KSC and right now based on

131
00:05:56,819 --> 00:05:52,119
the weather and what the winds are

132
00:05:58,499 --> 00:05:56,829
showing KSC 33 runway looks like the one

133
00:06:02,159 --> 00:05:58,509
the prime runway will be shooting for

134
00:06:03,899 --> 00:06:02,169
tomorrow let's see if we wanted for some

135
00:06:08,309 --> 00:06:03,909
reason we cannot make that opportunity

136
00:06:12,049 --> 00:06:08,319
we have KSC 187 and that tick is at 817

137
00:06:14,009 --> 00:06:12,059
central and the landing is at nine 23

138
00:06:15,809 --> 00:06:14,019

seeing basically that's all I have for

139

00:06:17,549 --> 00:06:15,819

you guys and I'll take whatever

140

00:06:19,019 --> 00:06:17,559

questions we have okay we'll start off

141

00:06:20,219 --> 00:06:19,029

with questions from here in Houston will

142

00:06:22,649 --> 00:06:20,229

go to the phone lines in just a few

143

00:06:25,229 --> 00:06:22,659

minutes go ahead hi Robert Pearlman with

144

00:06:27,569 --> 00:06:25,239

collectspace.com this crew has been

145

00:06:28,619 --> 00:06:27,579

getting ahead of schedule a lot it seems

146

00:06:31,319 --> 00:06:28,629

throughout the whole mission they've

147

00:06:33,389 --> 00:06:31,329

been running terribly ahead of schedule

148

00:06:35,009 --> 00:06:33,399

do you have we have words to them

149

00:06:38,519 --> 00:06:35,019

tomorrow about not getting too far ahead

150

00:06:40,109 --> 00:06:38,529

in the deorbit preps or do you do you

151

00:06:42,359 --> 00:06:40,119

think everything will just they'll just

152

00:06:44,669 --> 00:06:42,369

work on schedule no basically the

153

00:06:47,009 --> 00:06:44,679

deorbit prep time frame is pretty busy

154

00:06:48,719 --> 00:06:47,019

for all the crew members so it'll keep

155

00:06:50,489 --> 00:06:48,729

on the schedule they know everyone has

156

00:06:52,619 --> 00:06:50,499

something to do throughout that whole

157

00:06:54,600 --> 00:06:52,629

four hours so they won't be and might be

158

00:06:55,769 --> 00:06:54,610

one little task here or there but there

159

00:06:59,600 --> 00:06:55,779

are a lot of things that we have to have

160

00:07:02,669 --> 00:06:59,610

time on because based on thermal and

161

00:07:04,709 --> 00:07:02,679

cooling capability with the fest and all

162

00:07:08,399 --> 00:07:04,719

that so basically they'll be on time for

163

00:07:10,949 --> 00:07:08,409

the timeline and since the crew this

164

00:07:12,929 --> 00:07:10,959

morning reminded us that this was the

165

00:07:16,109 --> 00:07:12,939

possible final flight of Atlantis I

166

00:07:18,509 --> 00:07:16,119

wonder from your perspective as the

167

00:07:19,670 --> 00:07:18,519

flight director on console when Atlantis

168

00:07:21,800 --> 00:07:19,680

touches down

169

00:07:24,310 --> 00:07:21,810

is there a sense of do you think you'll

170

00:07:26,300 --> 00:07:24,320

have a sense of pride a sense of sorrow

171

00:07:28,249 --> 00:07:26,310

what would be your personal feelings

172

00:07:30,740 --> 00:07:28,259

watching atlantis come in for what might

173

00:07:32,840 --> 00:07:30,750

be its final landing I you know one

174

00:07:34,640 --> 00:07:32,850

thing I wanted to say for all of us it's

175

00:07:36,260 --> 00:07:34,650

been a great ride but you've heard it

176
00:07:39,080 --> 00:07:36,270
from all my buddies that our focus right

177
00:07:42,020 --> 00:07:39,090
now is to get the crew safely on the

178
00:07:44,779 --> 00:07:42,030
ground and and complete the remaining

179
00:07:46,790 --> 00:07:44,789
two scheduled missions and the way I

180
00:07:48,560 --> 00:07:46,800
look at it we'll have time to celebrate

181
00:07:50,480 --> 00:07:48,570
after we get the final wheel stop

182
00:07:52,430 --> 00:07:50,490
whenever that is hopefully a little bit

183
00:07:54,409 --> 00:07:52,440
later than sooner and then be able to

184
00:07:56,659 --> 00:07:54,419
talk about it but right now our focus is

185
00:07:58,159 --> 00:07:56,669
on what we need for me tomorrow make

186
00:08:00,710 --> 00:07:58,169
sure they get safely in the ground and

187
00:08:01,909 --> 00:08:00,720
then for the rest of the team completing

188
00:08:06,680 --> 00:08:01,919

the remainder of the flights that we

189

00:08:07,969 --> 00:08:06,690

have is that it from here okay now we'll

190

00:08:09,740 --> 00:08:07,979

go to the phone lines I think we have

191

00:08:13,010 --> 00:08:09,750

Marsha done with the associated press go

192

00:08:16,520 --> 00:08:13,020

ahead Marshall yes I'm wondering what

193

00:08:19,550 --> 00:08:16,530

the weather outlook is for Kennedy Space

194

00:08:23,800 --> 00:08:19,560

Center beyond tomorrow and how's the

195

00:08:25,520 --> 00:08:23,810

forecast looks in California let's see I

196

00:08:28,279 --> 00:08:25,530

talked about that a little bit earlier

197

00:08:31,790 --> 00:08:28,289

but you know it's it's KSC and there's a

198

00:08:33,500 --> 00:08:31,800

low parked out in the Atlantic north

199

00:08:36,290 --> 00:08:33,510

northeast of que se and that's going to

200

00:08:39,019 --> 00:08:36,300

have a influence on the weather and you

201
00:08:42,050 --> 00:08:39,029
know we're going into it 5050 and then

202
00:08:43,790 --> 00:08:42,060
as we get in tonight we'll see what the

203
00:08:46,640 --> 00:08:43,800
actual conditions are and we'll work it

204
00:08:49,670 --> 00:08:46,650
accordingly I mean I keep saying this

205
00:08:51,230 --> 00:08:49,680
and but it is KSC and we'll get what we

206
00:08:55,040 --> 00:08:51,240
get when we come in and we'll work

207
00:08:58,790 --> 00:08:55,050
whatever we need to let's see as far as

208
00:09:00,650 --> 00:08:58,800
Edwards Edwards tomorrow since we're not

209
00:09:03,290 --> 00:09:00,660
going there and really to be honest with

210
00:09:05,269 --> 00:09:03,300
you there is some chance of showers

211
00:09:06,829 --> 00:09:05,279
concern but I haven't really put a lot

212
00:09:10,460 --> 00:09:06,839
of focus on that since we're just

213
00:09:12,079 --> 00:09:10,470

looking at KSC right now I'm tomorrow

214

00:09:15,440 --> 00:09:12,089

what's the outlook for both places

215

00:09:18,350 --> 00:09:15,450

beyond tomorrow beyond tomorrow KSC

216

00:09:21,410 --> 00:09:18,360

continues to improve as the low mer

217

00:09:24,590 --> 00:09:21,420

moves up for further north and Edwards

218

00:09:27,290 --> 00:09:24,600

is looking good also thank you very much

219

00:09:32,360 --> 00:09:27,300

you're welcome okay Tareq Malik of space

220

00:09:35,030 --> 00:09:32,370

com go ahead thank you

221

00:09:39,890 --> 00:09:35,040

tell me I guess just to follow up with

222

00:09:41,660 --> 00:09:39,900

the reentry is plans going for for later

223

00:09:44,750 --> 00:09:41,670

this week I'm just curious if says that

224

00:09:46,730 --> 00:09:44,760

that that expected improvement in

225

00:09:50,210 --> 00:09:46,740

weather is what gives you confidence to

226

00:09:52,820 --> 00:09:50,220

to not call up Edwards for both days or

227

00:09:54,710 --> 00:09:52,830

if it's just a you know Atlantis has the

228

00:09:56,810 --> 00:09:54,720

consumable so that allows you to make

229

00:10:00,260 --> 00:09:56,820

that case the only decision for the

230

00:10:02,930 --> 00:10:00,270

first two learning opportunity it's a

231

00:10:06,260 --> 00:10:02,940

more than an omission plus three

232

00:10:08,120 --> 00:10:06,270

capability because you know normally all

233

00:10:10,610 --> 00:10:08,130

things considered being equal we just

234

00:10:12,079 --> 00:10:10,620

try for KSC the first day and that's

235

00:10:14,240 --> 00:10:12,089

what if we just have any mission plus

236

00:10:16,250 --> 00:10:14,250

two capability but again it all depends

237

00:10:19,550 --> 00:10:16,260

on what the weather showing and what the

238

00:10:21,670 --> 00:10:19,560

forecasts are for the other sites things

239

00:10:24,470 --> 00:10:21,680

are looking really well and like I said

240

00:10:27,019 --> 00:10:24,480

support the KSC for the first two days

241

00:10:30,620 --> 00:10:27,029

and then pick them for the third but

242

00:10:33,470 --> 00:10:30,630

again as we as we do we'll just continue

243

00:10:39,470 --> 00:10:33,480

to reevaluate if in fact we should wave

244

00:10:42,650 --> 00:10:39,480

off okay that may be it from Tareq bill

245

00:10:44,480 --> 00:10:42,660

Harwood with CBS News go ahead yeah

246

00:10:45,769 --> 00:10:44,490

thanks Tony I just want to make sure I

247

00:10:47,600 --> 00:10:45,779

understood the forecast and make sure

248

00:10:49,460 --> 00:10:47,610

that if the forecast has been updated I

249

00:10:51,769 --> 00:10:49,470

just want to make sure I knew that the

250

00:10:53,720 --> 00:10:51,779

last one I saw from SMG it was chance of

251
00:10:56,210 --> 00:10:53,730
showers both Wednesday and Thursday and

252
00:10:57,290 --> 00:10:56,220
it looked like it didnt really improve

253
00:10:58,460 --> 00:10:57,300
where they were no constraints until

254
00:11:00,680 --> 00:10:58,470
friday is that does that what you're

255
00:11:02,180 --> 00:11:00,690
talking about yes sir well i think they

256
00:11:03,890 --> 00:11:02,190
updated it I don't know when you got

257
00:11:06,380 --> 00:11:03,900
your latest but I think they were going

258
00:11:10,250 --> 00:11:06,390
to remove the chance of showers on

259
00:11:12,710 --> 00:11:10,260
Thursday but I have to double check bill

260
00:11:15,470 --> 00:11:12,720
because I I was still looking at the the

261
00:11:18,170 --> 00:11:15,480
old one okay it's not one more for me at

262
00:11:19,610 --> 00:11:18,180
you if you tried both opportunities both

263
00:11:21,680 --> 00:11:19,620

days I assume you have enough water to

264

00:11:25,220 --> 00:11:21,690

do that all the way down to friday if

265

00:11:28,640 --> 00:11:25,230

you had to yeah we have a7 opportunities

266

00:11:31,310 --> 00:11:28,650

worth of water so for the first two day

267

00:11:33,500 --> 00:11:31,320

ever if we should have to waive off we

268

00:11:36,320 --> 00:11:33,510

and then go to the next day we'd use up

269

00:11:39,230 --> 00:11:36,330

for those so again pick'em day would be

270

00:11:42,620 --> 00:11:39,240

we'd still have three revs available

271

00:11:46,150 --> 00:11:42,630

water to utilize so we're pretty good

272

00:11:49,790 --> 00:11:48,290

okay that's set on the phone lines back

273

00:11:52,490 --> 00:11:49,800

here in Houston any follow-ups at all

274

00:11:54,259 --> 00:11:52,500

okay seeing none the crew is going to go

275

00:11:56,569 --> 00:11:54,269

to bed at 320 p.m. central time today

276

00:11:58,069 --> 00:11:56,579

that will wrap up today's flight day and

277

00:11:59,900 --> 00:11:58,079

they're going to wake up later on today

278

00:12:01,819 --> 00:11:59,910

here on earth at eleven-twenty p.m.

279

00:12:03,829 --> 00:12:01,829

central time and that will be landing

280

00:12:06,079 --> 00:12:03,839

day for the crew of Atlantis tony and

281

00:12:08,240 --> 00:12:06,089

his entry team will be on console around

282

00:12:09,199 --> 00:12:08,250

midnight and of course has Tony her

283

00:12:11,120 --> 00:12:09,209

talked about there's two different

284

00:12:13,189 --> 00:12:11,130

landing opportunities tomorrow at the

285

00:12:14,569 --> 00:12:13,199

Kennedy Space Center another crew right

286

00:12:16,240 --> 00:12:14,579

before this briefing sent down some

287

00:12:18,710 --> 00:12:16,250

words about their flight of Atlantis

288

00:12:20,360 --> 00:12:18,720

taking a look at this 30-second final

289

00:12:21,650 --> 00:12:20,370

flight of this orbiter we're going to

290

00:12:23,420 --> 00:12:21,660

show you that next here on NASA

291

00:12:29,600 --> 00:12:23,430

television and thanks for joining us

292

00:12:32,000 --> 00:12:29,610

here we are on the flight deck of

293

00:12:35,030 --> 00:12:32,010

Atlantis again with the entire sts-132

294

00:12:38,030 --> 00:12:35,040

crew we have undocked from international

295

00:12:41,389 --> 00:12:38,040

space station yesterday spent the day

296

00:12:43,610 --> 00:12:41,399

inspecting Atlantis's thermal protection

297

00:12:46,370 --> 00:12:43,620

system and we didn't see anything wrong

298

00:12:48,199 --> 00:12:46,380

at all which is no surprise and tomorrow

299

00:12:50,210 --> 00:12:48,209

we're going to pack up the ship to come

300

00:12:52,879 --> 00:12:50,220

home to Florida the next day I'm going

301

00:12:58,319 --> 00:12:52,889

to hand them up Mike to Atlantis is

302

00:13:05,069 --> 00:13:01,379

thanks Huck Atlantis is just a fabulous

303

00:13:07,919 --> 00:13:05,079

ship she was a fabulous ship in the

304

00:13:10,519 --> 00:13:07,929

beginning and continues to be just

305

00:13:13,470 --> 00:13:10,529

absolutely amazing if this ends up being

306

00:13:15,929 --> 00:13:13,480

special answers last flight got an

307

00:13:18,829 --> 00:13:15,939

American flag here that we're honored to

308

00:13:22,549 --> 00:13:18,839

fly this American flag flew on

309

00:13:25,470 --> 00:13:22,559

Atlantis's first light sts 51 Jay and

310

00:13:30,390 --> 00:13:25,480

I'll hand the mic over to Navy captain

311

00:13:34,140 --> 00:13:32,250

it's a real honor to be walk among the

312

00:13:37,050 --> 00:13:34,150

191 crew members that have float on

313

00:13:39,570 --> 00:13:37,060

Atlantis and her over 300 days in over

314

00:13:41,250 --> 00:13:39,580

120 million miles Alanis is actually

315

00:13:43,710 --> 00:13:41,260

named after a ship of research and

316

00:13:46,140 --> 00:13:43,720

discovery from a place i happen to study

317

00:13:48,510 --> 00:13:46,150

Wintle oceanographic institute and she

318

00:13:52,110 --> 00:13:48,520

has definitely learned up the doctor her

319

00:13:53,610 --> 00:13:52,120

name over the past 20 years or so fierce

320

00:13:56,310 --> 00:13:53,620

Allen who has done as always that

321

00:14:00,930 --> 00:13:57,930

Atlantis is absolutely my favorite

322

00:14:02,340 --> 00:14:00,940

shuttle overflowing on to but she's got

323

00:14:05,460 --> 00:14:02,350

my favorite

324

00:14:07,050 --> 00:14:05,470

I hope that when she lands successfully

325

00:14:09,180 --> 00:14:07,060

from the line of these guys have fun to

326

00:14:10,920 --> 00:14:09,190

do there she go somewhere and get the

327

00:14:14,640 --> 00:14:10,930

respect she deserves as a ship of

328

00:14:17,340 --> 00:14:14,650

exploration people like to visit ships

329

00:14:19,049 --> 00:14:17,350

like the constellation Constitution see

330

00:14:24,710 --> 00:14:19,059

where they've been in what they've done

331

00:14:29,059 --> 00:14:26,960

i'm garrett reisman mission specialist

332

00:14:32,269 --> 00:14:29,069

on this plate and when I was looked at

333

00:14:34,100 --> 00:14:32,279

as an astronaut back in 1998 there are

334

00:14:35,600 --> 00:14:34,110

four of us in our class that we're

335

00:14:38,240 --> 00:14:35,610

living in the Southern California area

336

00:14:39,800 --> 00:14:38,250

and we got together to visit Atlantis

337

00:14:43,460 --> 00:14:39,810

we're invited to come up while she was

338

00:14:45,110 --> 00:14:43,470

in for overhaul and palm down and when

339

00:14:47,389 --> 00:14:45,120

the four of us got together one of the

340

00:14:48,889 --> 00:14:47,399

other astronauts was also tracy caldwell

341

00:14:50,300 --> 00:14:48,899

who was just went this on the space

342

00:14:53,179 --> 00:14:50,310

station so we were reminiscing about

343

00:14:54,980 --> 00:14:53,189

this just the other night and we got

344

00:14:56,900 --> 00:14:54,990

together saw atlantis and we all got so

345

00:14:59,929 --> 00:14:56,910

very excited about but we were about to

346

00:15:01,790 --> 00:14:59,939

do becoming astronauts and seeing the

347

00:15:03,410 --> 00:15:01,800

tender loving care that she was given

348

00:15:06,079 --> 00:15:03,420

there in palmdale by all the people that

349

00:15:08,600 --> 00:15:06,089

worked on her it was hard to believe

350

00:15:11,960 --> 00:15:08,610

that here I would be some ten years

351

00:15:15,379 --> 00:15:11,970

later flying on what could be her last

352

00:15:19,560 --> 00:15:15,389

flight but she's been an amazing ship

353

00:15:21,750 --> 00:15:19,570

and it's an honor to have served upon

354

00:15:24,980 --> 00:15:21,760

and here is an Air Force criminal

355

00:15:29,210 --> 00:15:27,290

thanks Garrett I've been lucky enough to

356

00:15:31,910 --> 00:15:29,220

have to shuttle flights folk lamont

357

00:15:35,269 --> 00:15:31,920

Atlanta so it's also my favorite space

358

00:15:38,540 --> 00:15:35,279

shuttle Atlantis has been on 32 flights

359

00:15:40,910 --> 00:15:38,550

now we're on 32 number 32 and perhaps

360

00:15:43,730 --> 00:15:40,920

the final flight of Atlantis she's been

361

00:15:45,110 --> 00:15:43,740

to many different destinations I was

362

00:15:47,590 --> 00:15:45,120

lucky enough to go to both the Hubble

363

00:15:50,389 --> 00:15:47,600

Space Telescope and in a space station

364

00:15:52,400 --> 00:15:50,399

she's also been a mirror and many other

365

00:15:56,150 --> 00:15:52,410

different places so she's well-traveled

366

00:15:57,880 --> 00:15:56,160

and she's served many of us well and we

367

00:16:00,730 --> 00:15:57,890

look forward to bring her home safe and

368

00:16:04,240 --> 00:16:00,740

going to visitors someday on the ground

369

00:16:06,440 --> 00:16:04,250

so from the entire crew from sts-132