



1
00:00:20,310 --> 00:00:13,990
is that not a beautiful sight

2
00:00:23,429 --> 00:00:21,750
good morning everyone and welcome my

3
00:00:25,429 --> 00:00:23,439
name is cheryl hurst the director of

4
00:00:27,990 --> 00:00:25,439
education and external relations here at

5
00:00:29,990 --> 00:00:28,000
ksc and it's my honor to be the emcee

6
00:00:32,150 --> 00:00:30,000
for this ceremony this morning i want to

7
00:00:35,110 --> 00:00:32,160
thank all of our industry partners

8
00:00:37,190 --> 00:00:35,120
senior executives friends family

9
00:00:39,910 --> 00:00:37,200
everyone who's coming out today to enjoy

10
00:00:42,389 --> 00:00:39,920
this wonderful moment

11
00:00:44,310 --> 00:00:42,399
as you notice leading the atlantis

12
00:00:46,549 --> 00:00:44,320
parade there was the marathon high

13
00:00:47,750 --> 00:00:46,559

school honor goward and tidy school high

14

00:00:54,630 --> 00:00:47,760

school band let's give them a round of

15

00:00:59,189 --> 00:00:56,630

also accompanying atlantis to bringing

16

00:01:00,790 --> 00:00:59,199

up the rear are our very important uh

17

00:01:02,709 --> 00:01:00,800

current and former

18

00:01:05,030 --> 00:01:02,719

nasa astronauts and family members

19

00:01:07,670 --> 00:01:05,040

shuttle workers space flight awareness

20

00:01:09,750 --> 00:01:07,680

honorees and a representative from every

21

00:01:17,590 --> 00:01:09,760

ksc directorate let's give a round of

22

00:01:21,030 --> 00:01:19,109

now if you would please join me in

23

00:01:34,630 --> 00:01:21,040

standing for our national anthem by ms

24

00:01:39,350 --> 00:01:36,390

oh say

25

00:01:42,670 --> 00:01:39,360

can you see

26

00:01:44,310 --> 00:01:42,680

by the dawn's early

27

00:01:46,870 --> 00:01:44,320

light

28

00:01:47,789 --> 00:01:46,880

what so proudly

29

00:01:49,350 --> 00:01:47,799

we

30

00:01:51,990 --> 00:01:49,360

hailed

31

00:01:54,950 --> 00:01:52,000

at the twilight's

32

00:02:00,149 --> 00:01:54,960

last gleaming

33

00:02:03,709 --> 00:02:00,159

who's brought stripes and bright stars

34

00:02:05,590 --> 00:02:03,719

through the perilous

35

00:02:08,229 --> 00:02:05,600

fight

36

00:02:09,309 --> 00:02:08,239

or the rampart

37

00:02:10,869 --> 00:02:09,319

we

38

00:02:14,229 --> 00:02:10,879

watched

39

00:02:16,790 --> 00:02:14,239

were so gallantly

40

00:02:18,190 --> 00:02:16,800

streaming

41

00:02:21,430 --> 00:02:18,200

and the

42

00:02:23,990 --> 00:02:21,440

rockets red glare

43

00:02:26,150 --> 00:02:24,000

the bombs bursting

44

00:02:28,070 --> 00:02:26,160

in air

45

00:02:29,350 --> 00:02:28,080

gave proof

46

00:02:30,949 --> 00:02:29,360

through the

47

00:02:49,110 --> 00:02:30,959

night

48

00:02:55,910 --> 00:02:50,509

or the

49

00:03:01,589 --> 00:02:58,790

and the home

50

00:03:12,710 --> 00:03:01,599

of the

51
00:03:17,270 --> 00:03:14,790
sierra that was beautiful what a great

52
00:03:19,430 --> 00:03:17,280
day to be an american

53
00:03:21,430 --> 00:03:19,440
now our first special guest this morning

54
00:03:23,910 --> 00:03:21,440
is the commander first commander of

55
00:03:25,910 --> 00:03:23,920
atlantis sts-51j

56
00:03:34,630 --> 00:03:25,920
i'd like you to welcome colonel carol

57
00:03:38,070 --> 00:03:36,390
good morning

58
00:03:40,710 --> 00:03:38,080
it was my honor to be the first

59
00:03:43,350 --> 00:03:40,720
commander to of the atlantis

60
00:03:47,670 --> 00:03:43,360
and my pleasure to be here

61
00:03:49,670 --> 00:03:47,680
for the next phase of atlantis journey

62
00:03:51,830 --> 00:03:49,680
my first flight was on the challenger

63
00:03:52,949 --> 00:03:51,840

the first slide of challenger and we had

64

00:03:54,949 --> 00:03:52,959

to wait

65

00:03:57,190 --> 00:03:54,959

while they did flight readiness firing

66

00:04:00,869 --> 00:03:57,200

after flight readiness firing

67

00:04:04,070 --> 00:04:00,879

to clear the vehicle for flight

68

00:04:05,670 --> 00:04:04,080

my second flight was on discovery

69

00:04:07,670 --> 00:04:05,680

and on that flight

70

00:04:11,190 --> 00:04:07,680

we had gotten close enough

71

00:04:12,789 --> 00:04:11,200

three times that they made patches and

72

00:04:15,429 --> 00:04:12,799

then canceled them

73

00:04:16,949 --> 00:04:15,439

and so i have four patches which look

74

00:04:19,430 --> 00:04:16,959

almost the same

75

00:04:21,590 --> 00:04:19,440

but not quite

76

00:04:24,710 --> 00:04:21,600

my third flight was the first flight of

77

00:04:26,150 --> 00:04:24,720

atlantis and it went on time to the

78

00:04:28,310 --> 00:04:26,160

second

79

00:04:29,189 --> 00:04:28,320

as a matter of fact my wife had come to

80

00:04:31,990 --> 00:04:29,199

me

81

00:04:33,110 --> 00:04:32,000

a week or a month or so before

82

00:04:34,070 --> 00:04:33,120

and said

83

00:04:37,110 --> 00:04:34,080

you know

84

00:04:38,870 --> 00:04:37,120

i have an opportunity to do a program

85

00:04:40,469 --> 00:04:38,880

in baltimore

86

00:04:43,510 --> 00:04:40,479

and she said i think it's going to be

87

00:04:44,950 --> 00:04:43,520

the day that you guys might be landing

88

00:04:47,189 --> 00:04:44,960

and she didn't know for sure because

89

00:04:49,510 --> 00:04:47,199

atlantis was

90

00:04:51,590 --> 00:04:49,520

a military mission and they wouldn't

91

00:04:54,070 --> 00:04:51,600

tell you exactly what time it took off

92

00:04:56,790 --> 00:04:54,080

or even what day it was going to land

93

00:04:58,469 --> 00:04:56,800

so i said diane remember challenger and

94

00:04:59,749 --> 00:04:58,479

all the frfs

95

00:05:03,110 --> 00:04:59,759

remember

96

00:05:05,189 --> 00:05:03,120

um discovery and all our patches

97

00:05:06,469 --> 00:05:05,199

this is the first flight of atlantis you

98

00:05:10,150 --> 00:05:06,479

make the call

99

00:05:13,909 --> 00:05:10,160

so she's set up to go to baltimore and

100

00:05:16,150 --> 00:05:13,919

as it turned out that was the exact time

101

00:05:18,790 --> 00:05:16,160

that atlantis flew and landed

102

00:05:21,029 --> 00:05:18,800

and so she met me at edwards

103

00:05:23,430 --> 00:05:21,039

gave me a peck on the cheek and then

104

00:05:25,270 --> 00:05:23,440

took off for los angeles to go to

105

00:05:27,670 --> 00:05:25,280

baltimore

106

00:05:30,870 --> 00:05:27,680

so we had underestimated

107

00:05:32,310 --> 00:05:30,880

the capability of the the whole system

108

00:05:33,990 --> 00:05:32,320

down here

109

00:05:35,749 --> 00:05:34,000

to become mature

110

00:05:39,990 --> 00:05:35,759

and meet a launch date

111

00:05:41,590 --> 00:05:40,000

well ahead of a long time before it was

112

00:05:44,150 --> 00:05:41,600

planned

113

00:05:46,150 --> 00:05:44,160

so for me atlantis represents something

114

00:05:48,469 --> 00:05:46,160

that reflects the maturity the

115

00:05:50,150 --> 00:05:48,479

reliability and the capability of the

116

00:05:53,350 --> 00:05:50,160

space program

117

00:05:55,350 --> 00:05:53,360

we had some tragedies afterwards but for

118

00:05:57,749 --> 00:05:55,360

the people down here i looked to

119

00:05:59,110 --> 00:05:57,759

atlantis and said this is when they were

120

00:06:00,230 --> 00:05:59,120

able to do what they said they were

121

00:06:10,309 --> 00:06:00,240

going to do

122

00:06:13,749 --> 00:06:11,990

thank you colonel

123

00:06:15,510 --> 00:06:13,759

now please ladies and gentlemen welcome

124

00:06:16,830 --> 00:06:15,520

the commander the final commander of

125

00:06:26,870 --> 00:06:16,840

atlantis

126

00:06:30,309 --> 00:06:28,710

well thank you and uh good morning gosh

127

00:06:31,990 --> 00:06:30,319

isn't just a beautiful morning for an

128

00:06:33,510 --> 00:06:32,000

event like this

129

00:06:36,230 --> 00:06:33,520

i am fortunate enough to represent the

130

00:06:38,950 --> 00:06:36,240

entire sts-135 crew who came today uh

131

00:06:41,029 --> 00:06:38,960

doug hurley rex walheim sandy magnus

132

00:06:43,189 --> 00:06:41,039

and i thought very quickly i'd just like

133

00:06:46,790 --> 00:06:43,199

to share uh two stories uh very quick

134

00:06:48,469 --> 00:06:46,800

stories with you about um our last day

135

00:06:50,390 --> 00:06:48,479

on that vehicle

136

00:06:53,110 --> 00:06:50,400

um we had a very busy mission there were

137

00:06:55,029 --> 00:06:53,120

only four of us uh we were running a

138

00:06:57,270 --> 00:06:55,039

race to the wall i called it

139

00:06:59,029 --> 00:06:57,280

but we always knew that at the time uh

140

00:07:00,790 --> 00:06:59,039

there might be a moment at the end where

141

00:07:03,270 --> 00:07:00,800

we could truly appreciate

142

00:07:05,029 --> 00:07:03,280

what uh what the nation had built here

143

00:07:06,150 --> 00:07:05,039

and that time came uh the night before

144

00:07:07,749 --> 00:07:06,160

deorbit

145

00:07:09,670 --> 00:07:07,759

the night before the very last orbit

146

00:07:11,029 --> 00:07:09,680

before the last landing

147

00:07:12,870 --> 00:07:11,039

and uh

148

00:07:14,870 --> 00:07:12,880

our work was done

149

00:07:16,550 --> 00:07:14,880

we had an opportunity to uh to stare out

150

00:07:17,350 --> 00:07:16,560

the window a little bit

151
00:07:18,950 --> 00:07:17,360
and

152
00:07:21,670 --> 00:07:18,960
as bill moore was just telling me down

153
00:07:23,430 --> 00:07:21,680
here atlantis's final configuration in

154
00:07:26,230 --> 00:07:23,440
the visitor center will be in a about a

155
00:07:28,950 --> 00:07:26,240
45 degree left angle of bank

156
00:07:30,309 --> 00:07:28,960
and that's about the attitude we were in

157
00:07:32,550 --> 00:07:30,319
i was in the commander's seat looking

158
00:07:34,629 --> 00:07:32,560
out the window and i looked down

159
00:07:36,309 --> 00:07:34,639
and we looked around at each other and

160
00:07:37,510 --> 00:07:36,319
we thought to ourselves this is really

161
00:07:39,589 --> 00:07:37,520
it

162
00:07:42,390 --> 00:07:39,599
after 30 years of building a space

163
00:07:44,790 --> 00:07:42,400

station deploying countless payloads

164

00:07:47,270 --> 00:07:44,800

and changing the world this is the very

165

00:07:48,629 --> 00:07:47,280

last night that a space shuttle will be

166

00:07:50,230 --> 00:07:48,639

on orbit

167

00:07:51,670 --> 00:07:50,240

whether in florida not withstanding of

168

00:07:53,189 --> 00:07:51,680

course but as it turned out to be the

169

00:07:55,990 --> 00:07:53,199

case it was really it was a very

170

00:07:57,189 --> 00:07:56,000

poignant moment um you know personally i

171

00:08:00,869 --> 00:07:57,199

was sad

172

00:08:03,110 --> 00:08:00,879

but in hindsight it was incredibly

173

00:08:04,710 --> 00:08:03,120

uh i was incredibly proud to just be a

174

00:08:06,390 --> 00:08:04,720

part of it and i'm sure i speak for the

175

00:08:07,909 --> 00:08:06,400

entire crew

176

00:08:09,430 --> 00:08:07,919

and the other uh

177

00:08:11,990 --> 00:08:09,440

moment came

178

00:08:14,710 --> 00:08:12,000

earlier that day where we had just put

179

00:08:17,270 --> 00:08:14,720

away the robotic arm and

180

00:08:18,629 --> 00:08:17,280

we had tried to prepare for most of the

181

00:08:20,710 --> 00:08:18,639

the major events that occurred on that

182

00:08:22,550 --> 00:08:20,720

last mission but i think that between

183

00:08:24,070 --> 00:08:22,560

doug and i we kind of forgot about this

184

00:08:26,230 --> 00:08:24,080

one a little bit

185

00:08:27,830 --> 00:08:26,240

and we put the arm away i looked at doug

186

00:08:29,350 --> 00:08:27,840

doug looked at me and we thought what

187

00:08:31,430 --> 00:08:29,360

are we going to say

188

00:08:33,750 --> 00:08:31,440

and we didn't really have anything

189

00:08:35,509 --> 00:08:33,760

prepared and right on cue

190

00:08:38,310 --> 00:08:35,519

the best capcom in the universe megan

191

00:08:40,550 --> 00:08:38,320

macarthur came up and she listed every

192

00:08:42,949 --> 00:08:40,560

payload that a space shuttle arm had

193

00:08:44,149 --> 00:08:42,959

deployed and every major event

194

00:08:46,070 --> 00:08:44,159

an assembly

195

00:08:47,590 --> 00:08:46,080

uh mission that had been a part of for

196

00:08:49,750 --> 00:08:47,600

the international space station and i

197

00:08:51,910 --> 00:08:49,760

thought wow just what a perfect team

198

00:08:54,230 --> 00:08:51,920

and it was a very it was a very fitting

199

00:08:56,470 --> 00:08:54,240

uh closure to uh to an incredibly

200

00:08:57,670 --> 00:08:56,480

successful space shuttle arm program as

201
00:09:00,230 --> 00:08:57,680
well

202
00:09:01,829 --> 00:09:00,240
so uh now atlantis will continue its

203
00:09:07,030 --> 00:09:01,839
life

204
00:09:08,949 --> 00:09:07,040
it will go on in what i consider to be

205
00:09:10,949 --> 00:09:08,959
just an incredibly fitting facility

206
00:09:13,190 --> 00:09:10,959
right over the hill here and its life of

207
00:09:14,870 --> 00:09:13,200
exploration will pick up or its life of

208
00:09:16,389 --> 00:09:14,880
education will pick up from this point

209
00:09:18,949 --> 00:09:16,399
forward and i'm sure it will inspire

210
00:09:21,030 --> 00:09:18,959
generations of young men and women

211
00:09:22,790 --> 00:09:21,040
for decades to come so thank you very

212
00:09:24,790 --> 00:09:22,800
much for allowing us to be a part of

213
00:09:33,990 --> 00:09:24,800

this event and please let us continue

214

00:09:37,190 --> 00:09:35,430

thank you commander

215

00:09:39,110 --> 00:09:37,200

now please join me in welcoming the

216

00:09:41,509 --> 00:09:39,120

chief operating officer of delaware

217

00:09:43,269 --> 00:09:41,519

north companies parks and resorts the

218

00:09:54,710 --> 00:09:43,279

operator of our kennedy space center

219

00:09:59,430 --> 00:09:56,710

i have no idea how these guys feel in

220

00:10:01,350 --> 00:09:59,440

space but this is a this is an emotional

221

00:10:03,350 --> 00:10:01,360

moment for me um

222

00:10:05,590 --> 00:10:03,360

to have this vehicle behind us and thank

223

00:10:07,430 --> 00:10:05,600

all of you for all you've done for so

224

00:10:09,030 --> 00:10:07,440

many years and decades

225

00:10:10,710 --> 00:10:09,040

we wouldn't have this opportunity if not

226
00:10:13,110 --> 00:10:10,720
for all of you

227
00:10:14,470 --> 00:10:13,120
this is truly an historic day

228
00:10:16,389 --> 00:10:14,480
for nasa

229
00:10:18,710 --> 00:10:16,399
for the kennedy space center

230
00:10:20,710 --> 00:10:18,720
for the visitor complex

231
00:10:22,790 --> 00:10:20,720
for the first crew that flew

232
00:10:24,069 --> 00:10:22,800
to the last

233
00:10:25,910 --> 00:10:24,079
for everybody that worked on the space

234
00:10:28,470 --> 00:10:25,920
shuttle program

235
00:10:30,710 --> 00:10:28,480
and thank you all for being here today

236
00:10:33,670 --> 00:10:30,720
atlantis stands as a symbol of

237
00:10:36,470 --> 00:10:33,680
inspiration for people around the world

238
00:10:38,949 --> 00:10:36,480

it inspired us all in a launch pad

239

00:10:41,430 --> 00:10:38,959

it inspired us in space

240

00:10:43,750 --> 00:10:41,440

and it will inspire us again today as it

241

00:10:45,990 --> 00:10:43,760

starts a new journey

242

00:10:48,310 --> 00:10:46,000

thanks to nasa the public will

243

00:10:49,670 --> 00:10:48,320

experience atlantis dramatically

244

00:10:52,069 --> 00:10:49,680

displayed

245

00:10:55,030 --> 00:10:52,079

elevated and rotated as though we're

246

00:10:57,590 --> 00:10:55,040

flying in space as chris ferguson said

247

00:10:59,670 --> 00:10:57,600

in a new 100 million exhibit

248

00:11:02,069 --> 00:10:59,680

just over the way at the kennedy space

249

00:11:03,590 --> 00:11:02,079

center visitor complex

250

00:11:05,670 --> 00:11:03,600

millions of visitors will come to find

251
00:11:07,269 --> 00:11:05,680
the 60 interactive displays about the

252
00:11:08,870 --> 00:11:07,279
space shuttle program

253
00:11:10,710 --> 00:11:08,880
including its key roles with the

254
00:11:12,630 --> 00:11:10,720
international space station

255
00:11:15,350 --> 00:11:12,640
and with the hubble telescope

256
00:11:18,389 --> 00:11:15,360
and how it paved the way for today's new

257
00:11:19,829 --> 00:11:18,399
coming manned space programs

258
00:11:22,230 --> 00:11:19,839
with atlantis

259
00:11:23,990 --> 00:11:22,240
the kennedy space center visitor complex

260
00:11:26,949 --> 00:11:24,000
is really the only place in the world to

261
00:11:29,750 --> 00:11:26,959
see space flown artifacts from all four

262
00:11:30,870 --> 00:11:29,760
man's space programs and the rockets

263
00:11:33,430 --> 00:11:30,880

that flew

264

00:11:35,829 --> 00:11:33,440

those amazing astronauts and crew into

265

00:11:39,829 --> 00:11:37,590

humble opinion but the visitor complex

266

00:11:42,470 --> 00:11:39,839

is unquestionably the best place to

267

00:11:45,829 --> 00:11:42,480

experience and learn and be inspired

268

00:11:47,750 --> 00:11:45,839

about mankind's journey into space

269

00:11:49,990 --> 00:11:47,760

on behalf of delaware north companies i

270

00:11:50,949 --> 00:11:50,000

want to thank nasa administrator charlie

271

00:11:53,910 --> 00:11:50,959

bolden

272

00:11:55,750 --> 00:11:53,920

kennedy space center director bob cabana

273

00:11:57,350 --> 00:11:55,760

for entrusting us to take care of this

274

00:11:59,910 --> 00:11:57,360

magnificent

275

00:12:02,069 --> 00:11:59,920

vehicle behind us we are absolutely

276

00:12:04,870 --> 00:12:02,079

thrilled to become stewards

277

00:12:06,790 --> 00:12:04,880

we all look forward to july of 2013. i'm

278

00:12:08,550 --> 00:12:06,800

sure most of you will be there we'll

279

00:12:10,230 --> 00:12:08,560

open it up for exhibit and can't wait

280

00:12:18,710 --> 00:12:10,240

for you to come see it thank you very

281

00:12:22,470 --> 00:12:20,710

thank you bill

282

00:12:24,710 --> 00:12:22,480

now i'd like to introduce to you our

283

00:12:26,470 --> 00:12:24,720

center director the 10th center director

284

00:12:29,190 --> 00:12:26,480

of the kennedy space center

285

00:12:37,509 --> 00:12:29,200

a veteran of four space shuttle missions

286

00:12:42,150 --> 00:12:40,230

thanks cheryl uh thanks to all of you

287

00:12:43,269 --> 00:12:42,160

for coming here today to be a part of

288

00:12:46,550 --> 00:12:43,279

this

289

00:12:48,069 --> 00:12:46,560

uh i first saw the wings of the space

290

00:12:50,550 --> 00:12:48,079

shuttle atlantis

291

00:12:53,030 --> 00:12:50,560

on the floor of grumman's facility in

292

00:12:56,790 --> 00:12:53,040

bethpage new york on long island when i

293

00:13:00,629 --> 00:12:56,800

was a young test pilot in the early 80s

294

00:13:04,230 --> 00:13:00,639

in 1985 when bo and his crew were flying

295

00:13:06,870 --> 00:13:04,240

atlantis i watched closely as a new

296

00:13:09,509 --> 00:13:06,880

astronaut candidate seeing what the

297

00:13:10,230 --> 00:13:09,519

future might hold for me

298

00:13:15,829 --> 00:13:10,240

in

299

00:13:18,870 --> 00:13:15,839

i watched with great pride alongside our

300

00:13:21,829 --> 00:13:18,880

administrator charlie bolden as fergie

301
00:13:24,310 --> 00:13:21,839
and his crew brought atlantis home for

302
00:13:25,670 --> 00:13:24,320
the very last time

303
00:13:28,069 --> 00:13:25,680
it's something that we can all be

304
00:13:30,150 --> 00:13:28,079
extremely proud of

305
00:13:33,829 --> 00:13:30,160
today marks the end

306
00:13:36,069 --> 00:13:33,839
of a phenomenal 30-year program for the

307
00:13:37,670 --> 00:13:36,079
space shuttle

308
00:13:38,949 --> 00:13:37,680
it was very

309
00:13:41,590 --> 00:13:38,959
sad but

310
00:13:44,470 --> 00:13:41,600
you know it's okay this morning when we

311
00:13:46,230 --> 00:13:44,480
watched atlantis roll out of the vab for

312
00:13:48,069 --> 00:13:46,240
the very last time

313
00:13:50,550 --> 00:13:48,079

because although it's the end of

314

00:13:52,790 --> 00:13:50,560

atlantis flying in space

315

00:13:55,110 --> 00:13:52,800

it's not the end it's not the end for

316

00:13:56,470 --> 00:13:55,120

ksc we're charging into the future

317

00:13:59,350 --> 00:13:56,480

preparing for

318

00:14:02,069 --> 00:13:59,360

commercial operations to low earth orbit

319

00:14:04,550 --> 00:14:02,079

for exploration once again beyond our

320

00:14:06,870 --> 00:14:04,560

home planet continuing to meet nasa's

321

00:14:09,750 --> 00:14:06,880

science missions with our expandable

322

00:14:12,470 --> 00:14:09,760

rockets to get our science missions to

323

00:14:14,629 --> 00:14:12,480

mars and further

324

00:14:17,590 --> 00:14:14,639

and it's not the end for atlantis

325

00:14:21,509 --> 00:14:17,600

because atlantis now takes on a mission

326

00:14:23,430 --> 00:14:21,519

of inspiration to future generations

327

00:14:25,430 --> 00:14:23,440

when i was five years old

328

00:14:29,110 --> 00:14:25,440

we took a trip to visit my aunt from

329

00:14:31,110 --> 00:14:29,120

minneapolis and baltimore maryland and i

330

00:14:34,310 --> 00:14:31,120

distinctly remember going to the

331

00:14:36,389 --> 00:14:34,320

smithsonian and looking up and seeing

332

00:14:38,629 --> 00:14:36,399

the right flyer in the spirit of st

333

00:14:41,910 --> 00:14:38,639

louis hanging from the ceiling

334

00:14:44,470 --> 00:14:41,920

and that sparked in me a desire to fly

335

00:14:46,310 --> 00:14:44,480

and i it is my sincere hope

336

00:14:49,910 --> 00:14:46,320

that one day

337

00:14:52,389 --> 00:14:49,920

some young boy or girl is going to look

338

00:14:55,990 --> 00:14:52,399

at atlantis and it's going to spark that

339

00:14:58,150 --> 00:14:56,000

dream of exploration in space exploring

340

00:15:00,230 --> 00:14:58,160

beyond our home planet and building on

341

00:15:03,030 --> 00:15:00,240

all the wonderful things this team has

342

00:15:05,750 --> 00:15:03,040

accomplished in the last 30 years and is

343

00:15:06,550 --> 00:15:05,760

going to continue to do

344

00:15:09,189 --> 00:15:06,560

so

345

00:15:11,350 --> 00:15:09,199

from me to all of you

346

00:15:14,710 --> 00:15:11,360

my heartfelt thanks

347

00:15:17,670 --> 00:15:14,720

for your dedication your drive your hard

348

00:15:19,829 --> 00:15:17,680

work your spirit of discovery that has

349

00:15:22,710 --> 00:15:19,839

made all of this possible

350

00:15:25,269 --> 00:15:22,720

and continues to make ksc and nasa the

351

00:15:34,069 --> 00:15:25,279

great place that it is to work as we

352

00:15:39,110 --> 00:15:36,310

now it's my pleasure

353

00:15:43,110 --> 00:15:39,120

to introduce our administrator charlie

354

00:15:46,310 --> 00:15:43,120

bolden the honorable charlie bolton okay

355

00:15:47,749 --> 00:15:46,320

now a lot of folks would think that's

356

00:15:49,110 --> 00:15:47,759

pretty cool

357

00:15:52,150 --> 00:15:49,120

but

358

00:15:55,110 --> 00:15:52,160

charlie more importantly is one of the

359

00:16:03,590 --> 00:15:55,120

outstanding commanders of atlantis

360

00:16:06,949 --> 00:16:05,350

i was telling chris ferguson when he sat

361

00:16:08,389 --> 00:16:06,959

down i said it's not fair and i was

362

00:16:10,949 --> 00:16:08,399

asking him if it was because he's from

363

00:16:14,069 --> 00:16:10,959

philadelphia or what uh you know i've

364

00:16:16,069 --> 00:16:14,079

i've been with chris and the crew

365

00:16:18,470 --> 00:16:16,079

boy throughout

366

00:16:20,150 --> 00:16:18,480

the final flight and the landing and

367

00:16:22,389 --> 00:16:20,160

everything else and i'm always impressed

368

00:16:23,910 --> 00:16:22,399

by by the four of them and the way that

369

00:16:26,710 --> 00:16:23,920

they have

370

00:16:28,150 --> 00:16:26,720

carried this uh it's not a burden but

371

00:16:29,829 --> 00:16:28,160

it's it's an it's an awesome

372

00:16:31,829 --> 00:16:29,839

responsibility

373

00:16:33,910 --> 00:16:31,839

to be the representatives of the space

374

00:16:36,550 --> 00:16:33,920

program as the final crew to fly a

375

00:16:38,870 --> 00:16:36,560

vehicle in a program and they have done

376

00:16:41,269 --> 00:16:38,880

it incredibly well and chris is always

377

00:16:45,910 --> 00:16:41,279

so eloquent when he talks

378

00:16:47,990 --> 00:16:45,920

and then i come up here with notes

379

00:16:51,910 --> 00:16:48,000

but i have to because i'm not quite as

380

00:16:54,710 --> 00:16:51,920

suave and debonair as are they

381

00:16:56,310 --> 00:16:54,720

i do want to thank the merritt island uh

382

00:16:57,829 --> 00:16:56,320

high school color guard

383

00:17:00,949 --> 00:16:57,839

and the uh

384

00:17:02,069 --> 00:17:00,959

the band and others over there and

385

00:17:05,429 --> 00:17:02,079

sierra

386

00:17:08,390 --> 00:17:05,439

you were awesome um let me tell you uh

387

00:17:11,189 --> 00:17:08,400

the national anthem is hard

388

00:17:12,470 --> 00:17:11,199

uh most professionals who try it really

389

00:17:14,549 --> 00:17:12,480

mess it up

390

00:17:16,549 --> 00:17:14,559

you were beautiful today and and i thank

391

00:17:18,870 --> 00:17:16,559

you so much for for honoring us by

392

00:17:19,990 --> 00:17:18,880

singing that

393

00:17:21,429 --> 00:17:20,000

um

394

00:17:22,789 --> 00:17:21,439

bob thanks very much for the

395

00:17:24,630 --> 00:17:22,799

introduction and thanks for letting me

396

00:17:27,510 --> 00:17:24,640

be a part of this program it's it's just

397

00:17:30,310 --> 00:17:27,520

wonderful to be back here at at ksc and

398

00:17:31,830 --> 00:17:30,320

to be with the ksc workforce

399

00:17:33,590 --> 00:17:31,840

and as i look out and as i had an

400

00:17:34,950 --> 00:17:33,600

opportunity to talk to a lot of you this

401
00:17:36,549 --> 00:17:34,960
morning because we were out here like

402
00:17:38,789 --> 00:17:36,559
six o'clock they were doing a brief and

403
00:17:41,830 --> 00:17:38,799
then rolling out at 6 30.

404
00:17:44,549 --> 00:17:41,840
um it's really special here with you and

405
00:17:46,710 --> 00:17:44,559
with my old friend atlantis i notice i

406
00:17:48,310 --> 00:17:46,720
know there's dave lee i was trying to my

407
00:17:50,150 --> 00:17:48,320
eyes aren't as good as they used to be

408
00:17:52,630 --> 00:17:50,160
even with my glasses and i know dave

409
00:17:54,549 --> 00:17:52,640
leesma is over there uh and i'm not

410
00:17:56,390 --> 00:17:54,559
calling names but i was looking for my

411
00:17:58,230 --> 00:17:56,400
crew members who were with me on

412
00:18:00,549 --> 00:17:58,240
atlantis and there's somebody back there

413
00:18:02,950 --> 00:18:00,559

and all that but it's great to be here

414

00:18:04,950 --> 00:18:02,960

um dave and i were we were among the

415

00:18:06,950 --> 00:18:04,960

crew and the backups

416

00:18:09,070 --> 00:18:06,960

who had the privilege of celebrating the

417

00:18:11,909 --> 00:18:09,080

anniversary of the 20th anniversary of

418

00:18:14,470 --> 00:18:11,919

sts-45 which was my single flight on

419

00:18:17,190 --> 00:18:14,480

atlantis and we were in brussels belgium

420

00:18:19,190 --> 00:18:17,200

and and atlantis was the focus of space

421

00:18:21,190 --> 00:18:19,200

week in belgium

422

00:18:22,870 --> 00:18:21,200

i tell you that only because i want you

423

00:18:25,110 --> 00:18:22,880

to recognize the significance that the

424

00:18:27,350 --> 00:18:25,120

shuttle program has had and will

425

00:18:28,390 --> 00:18:27,360

continue to have and that was not about

426

00:18:30,870 --> 00:18:28,400

history

427

00:18:33,029 --> 00:18:30,880

that program was about the future in in

428

00:18:36,230 --> 00:18:33,039

belgium in another country

429

00:18:38,150 --> 00:18:36,240

uh where they they see what we started

430

00:18:40,070 --> 00:18:38,160

with shuttle and they're just hopeful

431

00:18:42,070 --> 00:18:40,080

that we won't give up and that will

432

00:18:43,750 --> 00:18:42,080

continue

433

00:18:45,350 --> 00:18:43,760

bo i want to thank you for being here

434

00:18:47,110 --> 00:18:45,360

chris i've already said how much i

435

00:18:48,950 --> 00:18:47,120

appreciate your being here

436

00:18:50,710 --> 00:18:48,960

um i want to let everybody know

437

00:18:52,789 --> 00:18:50,720

something you know today is a historic

438

00:18:53,669 --> 00:18:52,799

day it's a it's an incredibly historic

439

00:18:54,390 --> 00:18:53,679

day

440

00:18:59,029 --> 00:18:54,400

but

441

00:19:00,950 --> 00:18:59,039

that's in the history business that's

442

00:19:02,950 --> 00:19:00,960

not what nasa does we're not a history

443

00:19:04,549 --> 00:19:02,960

organization we're in the business of

444

00:19:06,070 --> 00:19:04,559

creating the future

445

00:19:07,590 --> 00:19:06,080

and we're in the business of taking

446

00:19:09,830 --> 00:19:07,600

science fiction and turning it into

447

00:19:12,310 --> 00:19:09,840

science fact and i think most of you

448

00:19:13,830 --> 00:19:12,320

here realize that that's what we do

449

00:19:16,630 --> 00:19:13,840

we take things that people say are

450

00:19:19,669 --> 00:19:16,640

impossible and we make them possible

451

00:19:22,630 --> 00:19:19,679

we dazzle people at the way we do it

452

00:19:26,630 --> 00:19:22,640

it's always fun to come down here

453

00:19:29,029 --> 00:19:26,640

because this is one place in the world

454

00:19:30,070 --> 00:19:29,039

where uh you guys and girls take

455

00:19:32,310 --> 00:19:30,080

something

456

00:19:34,150 --> 00:19:32,320

people say it cannot be done

457

00:19:36,470 --> 00:19:34,160

and you just go do it

458

00:19:38,789 --> 00:19:36,480

and the problem with you

459

00:19:40,870 --> 00:19:38,799

is you make it look too easy

460

00:19:42,950 --> 00:19:40,880

you know you just make it look too easy

461

00:19:45,029 --> 00:19:42,960

what we do is not easy what we do is

462

00:19:47,110 --> 00:19:45,039

incredibly difficult and you should be

463

00:19:48,549 --> 00:19:47,120

very proud about what we have done

464

00:19:49,909 --> 00:19:48,559

through the incredible 30 years of the

465

00:19:52,870 --> 00:19:49,919

shuttle program

466

00:19:54,710 --> 00:19:52,880

it's also difficult to make a transition

467

00:19:56,789 --> 00:19:54,720

really difficult to make a transition i

468

00:19:57,909 --> 00:19:56,799

i you know beau was there i was there

469

00:20:00,870 --> 00:19:57,919

there are some of us who were there

470

00:20:02,710 --> 00:20:00,880

between apollo and shuttle or if you

471

00:20:06,070 --> 00:20:02,720

want to really get to it between apollo

472

00:20:07,830 --> 00:20:06,080

sius and shuttle or between skylab and

473

00:20:09,909 --> 00:20:07,840

shuttle there was a break

474

00:20:11,590 --> 00:20:09,919

and it was a painful break particularly

475

00:20:12,950 --> 00:20:11,600

for people who had been

476

00:20:14,230 --> 00:20:12,960

a part of the apollo program there's

477

00:20:15,430 --> 00:20:14,240

some people who still don't want to let

478

00:20:16,710 --> 00:20:15,440

it go

479

00:20:18,789 --> 00:20:16,720

but you know

480

00:20:21,430 --> 00:20:18,799

that happens that's life

481

00:20:23,750 --> 00:20:21,440

you have to just sometimes say okay we

482

00:20:25,029 --> 00:20:23,760

did great things and now we're on to

483

00:20:27,510 --> 00:20:25,039

greater things

484

00:20:30,710 --> 00:20:27,520

this magnificent ship behind me

485

00:20:33,029 --> 00:20:30,720

is tangible representation of of a great

486

00:20:34,950 --> 00:20:33,039

nation our hopes and dreams

487

00:20:36,630 --> 00:20:34,960

we couldn't be where we are poised for

488

00:20:38,710 --> 00:20:36,640

tomorrow's progress

489

00:20:40,070 --> 00:20:38,720

without the space shuttle

490

00:20:42,390 --> 00:20:40,080

and there are more exciting things

491

00:20:44,230 --> 00:20:42,400

happening right now here at ksc as well

492

00:20:45,909 --> 00:20:44,240

as around the agency

493

00:20:47,110 --> 00:20:45,919

a little over a year after the shuttle

494

00:20:48,390 --> 00:20:47,120

retired

495

00:20:49,990 --> 00:20:48,400

just this week

496

00:20:51,510 --> 00:20:50,000

we completed the first commercial

497

00:20:52,789 --> 00:20:51,520

resupply mission to the international

498

00:20:54,789 --> 00:20:52,799

space station

499

00:20:55,990 --> 00:20:54,799

little company called spacex launched

500

00:20:58,390 --> 00:20:56,000

dragon

501
00:21:00,390 --> 00:20:58,400
from right over there at cape canaveral

502
00:21:02,630 --> 00:21:00,400
it's the first of many such launches and

503
00:21:04,789 --> 00:21:02,640
we're well on track to once again launch

504
00:21:06,710 --> 00:21:04,799
american astronauts from u.s soil in the

505
00:21:08,549 --> 00:21:06,720
next few years right here from the

506
00:21:10,470 --> 00:21:08,559
kennedy space center i see mark

507
00:21:13,830 --> 00:21:10,480
sarangelo there chris ferguson now

508
00:21:15,990 --> 00:21:13,840
represents boeing uh you know

509
00:21:18,149 --> 00:21:16,000
these are companies that believe in the

510
00:21:20,070 --> 00:21:18,159
future and they believe they can make

511
00:21:22,549 --> 00:21:20,080
that happen and i think it's

512
00:21:24,549 --> 00:21:22,559
all we can do is trust them

513
00:21:26,549 --> 00:21:24,559

the way that we have trusted american

514

00:21:29,350 --> 00:21:26,559

industry from the beginning of time

515

00:21:31,029 --> 00:21:29,360

they'll get it done i'm excited about it

516

00:21:34,230 --> 00:21:31,039

the passion and the dedication of the

517

00:21:36,230 --> 00:21:34,240

ksc workforce all of you out here

518

00:21:38,789 --> 00:21:36,240

you you allowed us to proudly operate

519

00:21:40,230 --> 00:21:38,799

shuttle for an absolutely incredible

520

00:21:42,070 --> 00:21:40,240

three decades

521

00:21:44,390 --> 00:21:42,080

that same pride and dedication in

522

00:21:46,470 --> 00:21:44,400

today's ksc workforce

523

00:21:48,070 --> 00:21:46,480

will send us to new destinations like an

524

00:21:50,390 --> 00:21:48,080

asteroid mars

525

00:21:51,750 --> 00:21:50,400

once again launching from right here at

526
00:21:53,190 --> 00:21:51,760
the kennedy space center in cape

527
00:21:55,350 --> 00:21:53,200
canaveral

528
00:21:57,590 --> 00:21:55,360
with your exceptional support we'll

529
00:21:59,430 --> 00:21:57,600
restore those awe-inspiring moments of

530
00:22:01,350 --> 00:21:59,440
human space flight for the next

531
00:22:03,270 --> 00:22:01,360
generation of explorers

532
00:22:05,190 --> 00:22:03,280
those students some of them probably

533
00:22:07,190 --> 00:22:05,200
over there in that band

534
00:22:08,870 --> 00:22:07,200
or maybe even sierra

535
00:22:09,830 --> 00:22:08,880
those students who are studying right

536
00:22:12,230 --> 00:22:09,840
now

537
00:22:14,789 --> 00:22:12,240
to lead us in exploration

538
00:22:16,230 --> 00:22:14,799

of the most most incredible exploration

539

00:22:18,230 --> 00:22:16,240

era ever

540

00:22:20,390 --> 00:22:18,240

it's now nasa's honor to permanently

541

00:22:23,029 --> 00:22:20,400

house this magnificent spacecraft right

542

00:22:25,270 --> 00:22:23,039

here where she rose to the skies 33

543

00:22:26,789 --> 00:22:25,280

times carrying 156

544

00:22:28,630 --> 00:22:26,799

men and women

545

00:22:29,909 --> 00:22:28,640

she's truly a testament to american

546

00:22:32,070 --> 00:22:29,919

ingenuity

547

00:22:34,470 --> 00:22:32,080

to the dedication and passion of this

548

00:22:36,789 --> 00:22:34,480

workforce and of our nation to reach

549

00:22:38,390 --> 00:22:36,799

higher than ever and do what has not

550

00:22:40,470 --> 00:22:38,400

been done before

551
00:22:43,270 --> 00:22:40,480
the space shuttle program has been a

552
00:22:45,669 --> 00:22:43,280
proud achievement for our nation

553
00:22:47,990 --> 00:22:45,679
with 30 years of missions launching

554
00:22:49,590 --> 00:22:48,000
satellites like magellan and galileo

555
00:22:51,590 --> 00:22:49,600
aboard atlantis

556
00:22:53,350 --> 00:22:51,600
expanding our international partnerships

557
00:22:55,190 --> 00:22:53,360
with visits to mir

558
00:22:56,310 --> 00:22:55,200
and flying crew members from around the

559
00:22:58,149 --> 00:22:56,320
world

560
00:23:00,549 --> 00:22:58,159
building the international space station

561
00:23:01,830 --> 00:23:00,559
and demonstrating that america indeed

562
00:23:04,710 --> 00:23:01,840
the world

563
00:23:06,149 --> 00:23:04,720

had a new home and has a new home in low

564

00:23:07,909 --> 00:23:06,159

earth orbit

565

00:23:10,070 --> 00:23:07,919

those of us who flew atlantis will never

566

00:23:12,149 --> 00:23:10,080

forget the experience as

567

00:23:14,149 --> 00:23:12,159

chris talked about

568

00:23:16,549 --> 00:23:14,159

for those who made that possible here at

569

00:23:19,830 --> 00:23:16,559

the kennedy at kennedy by processing

570

00:23:22,230 --> 00:23:19,840

this amazing vehicle time and time again

571

00:23:24,789 --> 00:23:22,240

to those who watched in awe

572

00:23:27,990 --> 00:23:24,799

as she launched and maneuvered in space

573

00:23:29,590 --> 00:23:28,000

and did incredible things those memories

574

00:23:32,390 --> 00:23:29,600

the inspiration

575

00:23:34,310 --> 00:23:32,400

that passion is still yours

576

00:23:35,990 --> 00:23:34,320

america still leads the world in

577

00:23:37,830 --> 00:23:36,000

exploration and we're building on the

578

00:23:40,149 --> 00:23:37,840

many fine accomplishments

579

00:23:42,070 --> 00:23:40,159

of the space shuttle program to take us

580

00:23:44,789 --> 00:23:42,080

where we've not gone before

581

00:23:47,430 --> 00:23:44,799

to places where our imagination and our

582

00:23:49,350 --> 00:23:47,440

aspiration tells us we can go

583

00:23:51,510 --> 00:23:49,360

if we channel the passions that built

584

00:23:52,710 --> 00:23:51,520

and launched atlantis and create a new

585

00:23:55,430 --> 00:23:52,720

day

586

00:23:57,269 --> 00:23:55,440

atlantis final mission may have closed

587

00:23:59,430 --> 00:23:57,279

out the space shuttle program

588

00:24:00,710 --> 00:23:59,440

but the spirit that created that program

589

00:24:02,789 --> 00:24:00,720

and built her

590

00:24:05,430 --> 00:24:02,799

is very much alive as we develop the

591

00:24:07,590 --> 00:24:05,440

technologies and systems not only for

592

00:24:10,390 --> 00:24:07,600

private companies to serve our needs in

593

00:24:13,190 --> 00:24:10,400

low earth orbit but to but to keep us on

594

00:24:15,029 --> 00:24:13,200

the road to an asteroid to mars and

595

00:24:17,350 --> 00:24:15,039

places beyond

596

00:24:20,149 --> 00:24:17,360

i want to thank all the crews

597

00:24:22,310 --> 00:24:20,159

here today who flew atlantis in space

598

00:24:25,029 --> 00:24:22,320

i want to thank the workforce that sent

599

00:24:25,990 --> 00:24:25,039

her successfully to orbit again and

600

00:24:27,590 --> 00:24:26,000

again

601
00:24:29,190 --> 00:24:27,600
and also want to thank the american

602
00:24:32,070 --> 00:24:29,200
public at large

603
00:24:33,909 --> 00:24:32,080
for making this impo this incredible

604
00:24:36,470 --> 00:24:33,919
dream and achievement

605
00:24:38,710 --> 00:24:36,480
possible that we all share today

606
00:24:41,269 --> 00:24:38,720
our best days are ahead of us

607
00:24:43,110 --> 00:24:41,279
with the shuttle as our tailwind

608
00:24:45,990 --> 00:24:43,120
godspeed atlantis

609
00:24:47,750 --> 00:24:46,000
on your next mission of inspiration and

610
00:24:50,149 --> 00:24:47,760
motivation

611
00:24:53,110 --> 00:24:50,159
and now i'd like to ask bob cabana bo

612
00:24:55,510 --> 00:24:53,120
chris bill and cheryl to join me up here

613
00:25:01,510 --> 00:24:55,520

on the stage while we do what we came up

614

00:25:01,520 --> 00:25:14,950

um

615

00:25:51,830 --> 00:25:28,230

foreign

616

00:25:51,840 --> 00:25:57,350

i'm crying

617

00:26:00,470 --> 00:25:58,630

your signature may get bad enough you

618

00:26:25,110 --> 00:26:00,480

could write a prescription i know i

619

00:26:25,120 --> 00:26:49,110

you guys come on up

620

00:26:49,120 --> 00:27:01,029

it

621

00:27:01,039 --> 00:27:12,950

maybe we should

622

00:27:16,470 --> 00:27:15,510

a copy to each one of the one command

623

00:27:17,990 --> 00:27:16,480

post

624

00:27:20,950 --> 00:27:18,000

and you'll have an easel where you can

625

00:27:22,630 --> 00:27:20,960

go take a photo of one of these if you'd

626
00:27:26,470 --> 00:27:22,640
like at the command post and then for

627
00:27:30,789 --> 00:27:29,110
got a visitor

628
00:27:32,389 --> 00:27:30,799
we'll have one up here also in the easel

629
00:27:33,110 --> 00:27:32,399
if you want to get close-up photos of

630
00:27:35,990 --> 00:27:33,120
the

631
00:27:37,750 --> 00:27:36,000
title transfers

632
00:27:39,750 --> 00:27:37,760
so this concludes our ceremony ladies

633
00:27:41,029 --> 00:27:39,760
and gentlemen please stay as long as you

634
00:27:43,029 --> 00:27:41,039
would like to

635
00:27:45,590 --> 00:27:43,039
view atlantis as she continues on her

636
00:28:04,870 --> 00:27:45,600
journey thank you for coming and enjoy

637
00:28:10,789 --> 00:28:08,710
and so with that the title of ov 104

638
00:28:11,830 --> 00:28:10,799

space shuttle atlantis has been assigned

639

00:28:13,990 --> 00:28:11,840

from

640

00:28:15,990 --> 00:28:14,000

nasa to the kennedy space center for

641

00:28:20,389 --> 00:28:16,000

permanent display at the kennedy space

642

00:28:24,070 --> 00:28:21,669

in a document

643

00:28:25,350 --> 00:28:24,080

signed four times by nasa administrator

644

00:28:27,350 --> 00:28:25,360

charlie bolden

645

00:28:30,149 --> 00:28:27,360

and kennedy space center director bob

646

00:28:31,830 --> 00:28:30,159

cabana

647

00:28:34,149 --> 00:28:31,840

it's official

648

00:28:36,070 --> 00:28:34,159

atlantis is retired and