



1  
00:00:13,270 --> 00:00:11,110  
good morning everybody

2  
00:00:15,190 --> 00:00:13,280  
i'm hugh harris

3  
00:00:18,470 --> 00:00:15,200  
the flight of the

4  
00:00:21,189 --> 00:00:18,480  
shepherd aboard freedom 7 was a major

5  
00:00:22,550 --> 00:00:21,199  
turning part a point in the history of

6  
00:00:24,390 --> 00:00:22,560  
our country

7  
00:00:26,150 --> 00:00:24,400  
it's going to be my privilege to

8  
00:00:29,269 --> 00:00:26,160  
introduce the people who will tell you

9  
00:00:31,910 --> 00:00:29,279  
the story of that accomplishment and

10  
00:00:33,830 --> 00:00:31,920  
recognize the people in the audience who

11  
00:00:35,830 --> 00:00:33,840  
made that possible

12  
00:00:38,549 --> 00:00:35,840  
i'd like you to welcome

13  
00:00:43,110 --> 00:00:38,559

first of all lieutenant general susan j

14

00:00:45,350 --> 00:00:43,120

helms commander of the 14th air force

15

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

general helms would you

16

00:00:51,430 --> 00:00:47,120

come up

17

00:00:54,549 --> 00:00:53,430

general helms leads the force of more

18

00:00:57,430 --> 00:00:54,559

than

19

00:00:58,630 --> 00:00:57,440

20 000 people responsible for missile

20

00:01:02,150 --> 00:00:58,640

warning

21

00:01:04,869 --> 00:01:02,160

space superiority satellite operations

22

00:01:07,590 --> 00:01:04,879

space launch and range operations

23

00:01:09,109 --> 00:01:07,600

and as a nasa astronaut she flew five

24

00:01:11,270 --> 00:01:09,119

space missions

25

00:01:14,310 --> 00:01:11,280

four of them on the space shuttle during

26

00:01:17,310 --> 00:01:14,320

which she set a record for the longest

27

00:01:20,070 --> 00:01:17,320

spacewalk she lived and worked for

28

00:01:24,149 --> 00:01:20,080

167 days on the international space

29

00:01:25,429 --> 00:01:24,159

station and spent a total of 211 days in

30

00:01:27,270 --> 00:01:25,439

space

31

00:01:31,109 --> 00:01:27,280

would you please take your seat thank

32

00:01:35,670 --> 00:01:32,870

bob cabana

33

00:01:38,069 --> 00:01:35,680

is director of the kennedy space center

34

00:01:40,469 --> 00:01:38,079

where he's responsible for successfully

35

00:01:42,870 --> 00:01:40,479

completing the space shuttle program

36

00:01:44,149 --> 00:01:42,880

and building the world's premier launch

37

00:01:47,030 --> 00:01:44,159

site

38

00:01:48,789 --> 00:01:47,040

bob flew on four space shuttle missions

39

00:01:51,350 --> 00:01:48,799

including commanding

40

00:01:54,230 --> 00:01:51,360

the first assembly mission for the

41

00:01:57,350 --> 00:01:54,240

international space station

42

00:02:07,510 --> 00:02:01,749

scott carpenter

43

00:02:09,830 --> 00:02:07,520

as a mercury astronaut

44

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

instead of just forwarding engineering

45

00:02:15,350 --> 00:02:12,560

readings from his spacecraft

46

00:02:17,350 --> 00:02:15,360

he tried to report the human feelings of

47

00:02:19,510 --> 00:02:17,360

going into space

48

00:02:21,030 --> 00:02:19,520

uh he also

49

00:02:24,710 --> 00:02:21,040

performed the

50

00:02:28,390 --> 00:02:24,720

first five scientific experiments

51  
00:02:31,030 --> 00:02:28,400  
in space by an astronaut and later his

52  
00:02:33,589 --> 00:02:31,040  
expertise in outer space turned to inner

53  
00:02:35,750 --> 00:02:33,599  
space and advancing our knowledge of

54  
00:02:44,550 --> 00:02:35,760  
working in the deep ocean

55  
00:02:48,630 --> 00:02:46,150  
j barbray

56  
00:02:51,910 --> 00:02:48,640  
is the only reporter to have covered

57  
00:02:54,470 --> 00:02:51,920  
every united states human flight

58  
00:02:57,350 --> 00:02:54,480  
he was a friend of alan shepards and

59  
00:02:59,910 --> 00:02:57,360  
co-author with alan of the only

60  
00:03:04,070 --> 00:02:59,920  
new york times bestseller

61  
00:03:07,110 --> 00:03:04,080  
book on space called moonshot

62  
00:03:17,270 --> 00:03:07,120  
it is being re-released as an updated

63  
00:03:21,110 --> 00:03:18,790

bob mosier

64

00:03:22,790 --> 00:03:21,120  
was chief test conductor

65

00:03:26,710 --> 00:03:22,800  
responsible for the launch of the

66

00:03:28,949 --> 00:03:26,720  
redstone mercury and freedom 7.

67

00:03:32,149 --> 00:03:28,959  
he's the man who gathered the reports

68

00:03:35,030 --> 00:03:32,159  
from the engineers for every system and

69

00:03:41,110 --> 00:03:35,040  
ensured that everything was ready to go

70

00:03:45,750 --> 00:03:43,589  
we think paul donnelly may be here too

71

00:03:46,869 --> 00:03:45,760  
who was the

72

00:03:49,430 --> 00:03:46,879  
mercury

73

00:03:51,830 --> 00:03:49,440  
test conductor spacecraft

74

00:03:53,110 --> 00:03:51,840  
test conductor but i haven't seen them

75

00:03:55,429 --> 00:03:53,120  
yet

76

00:03:58,309 --> 00:03:55,439

jack king was the chief of public

77

00:03:59,670 --> 00:03:58,319

information at the time of the

78

00:04:01,750 --> 00:03:59,680

shepard launch

79

00:04:04,070 --> 00:04:01,760

and responsible for helping the press

80

00:04:09,030 --> 00:04:04,080

cover this vital advance in our nation's

81

00:04:13,429 --> 00:04:11,509

the three daughters of alan shepard

82

00:04:16,469 --> 00:04:13,439

laura churchley

83

00:04:18,629 --> 00:04:16,479

julie jenkins and alice walkerman

84

00:04:21,430 --> 00:04:18,639

were the pride and the underlying

85

00:04:23,189 --> 00:04:21,440

foundation of alan's life

86

00:04:25,110 --> 00:04:23,199

they will be sharing the joy and

87

00:04:27,189 --> 00:04:25,120

sometimes anxiety

88

00:04:29,110 --> 00:04:27,199

of growing up with a famous fighter

89

00:04:30,469 --> 00:04:29,120

pilot astronaut

90

00:04:34,390 --> 00:04:30,479

and by the way

91

00:04:36,870 --> 00:04:34,400

alice managed to be born on may 5th

92

00:04:39,110 --> 00:04:36,880

apparently knowing that her father would

93

00:04:47,430 --> 00:04:39,120

make his first space flight

94

00:04:54,150 --> 00:04:50,710

our nasa administrator charlie bolden

95

00:04:56,950 --> 00:04:54,160

is not only a marine corps general

96

00:04:57,990 --> 00:04:56,960

but also former astronaut who flew four

97

00:05:00,070 --> 00:04:58,000

times

98

00:05:01,350 --> 00:05:00,080

including deploying the hubble space

99

00:05:04,310 --> 00:05:01,360

telescope

100

00:05:07,830 --> 00:05:04,320

he is also the only astronaut who ever

101  
00:05:09,029 --> 00:05:07,840  
test rode the escape basket from the 195

102  
00:05:11,749 --> 00:05:09,039  
foot level

103  
00:05:13,990 --> 00:05:11,759  
of pad 39a

104  
00:05:16,230 --> 00:05:14,000  
out to the outer perimeter

105  
00:05:21,830 --> 00:05:16,240  
something that a lot of us would like to

106  
00:05:26,469 --> 00:05:24,629  
will everybody please rise for the

107  
00:05:28,790 --> 00:05:26,479  
presentation of the colors by the

108  
00:05:31,350 --> 00:05:28,800  
patrick air force color guard

109  
00:05:33,189 --> 00:05:31,360  
and the singing of the national anthem

110  
00:06:12,870 --> 00:05:33,199  
led by all uh

111  
00:06:31,230 --> 00:06:24,390  
oh

112  
00:06:34,390 --> 00:06:31,240  
by the dawn's

113  
00:06:39,270 --> 00:06:34,400

early light

114

00:06:43,670 --> 00:06:39,280

what so proudly we held

115

00:06:48,710 --> 00:06:43,680

at the twilight's last gleaming

116

00:06:50,430 --> 00:06:48,720

whose broad stripes and bright stars

117

00:06:53,350 --> 00:06:50,440

through the

118

00:06:54,589 --> 00:06:53,360

perilous fight

119

00:06:58,230 --> 00:06:54,599

or the

120

00:06:59,390 --> 00:06:58,240

ramparts we watched

121

00:07:02,790 --> 00:06:59,400

were so

122

00:07:07,110 --> 00:07:02,800

gallantly streaming

123

00:07:12,469 --> 00:07:07,120

and the rockets red glare

124

00:07:17,029 --> 00:07:13,990

gave proof

125

00:07:21,110 --> 00:07:17,039

through the night

126

00:07:22,870 --> 00:07:21,120

that our flag was still there

127

00:07:25,790 --> 00:07:22,880

oh say

128

00:07:39,430 --> 00:07:25,800

does that star

129

00:07:44,790 --> 00:07:40,670

and the

130

00:08:14,070 --> 00:07:44,800

home of the

131

00:08:27,350 --> 00:08:16,070

please be seated

132

00:08:31,510 --> 00:08:29,270

well thank you

133

00:08:34,070 --> 00:08:31,520

it is a great pleasure for me to be here

134

00:08:36,230 --> 00:08:34,080

with you today at cape canaveral air

135

00:08:39,029 --> 00:08:36,240

force station some of my old stomping

136

00:08:41,670 --> 00:08:39,039

grounds obviously for a lot of reasons

137

00:08:43,430 --> 00:08:41,680

as we celebrate 50 years of human space

138

00:08:45,509 --> 00:08:43,440

flight

139

00:08:47,350 --> 00:08:45,519

i wholeheartedly enjoy my return trips

140

00:08:49,590 --> 00:08:47,360

to the space coast

141

00:08:52,230 --> 00:08:49,600

the 45th space wing and nasa have shared

142

00:08:54,310 --> 00:08:52,240

a proud part of our nation's history

143

00:08:56,389 --> 00:08:54,320

and as shown by a letter of intent

144

00:08:58,070 --> 00:08:56,399

signed by the u.s air force

145

00:09:00,470 --> 00:08:58,080

nasa and the national reconnaissance

146

00:09:01,990 --> 00:09:00,480

office both the cape and the kennedy

147

00:09:04,070 --> 00:09:02,000

space center will continue to be an

148

00:09:07,110 --> 00:09:04,080

important part of our nation's future

149

00:09:09,269 --> 00:09:07,120

even as we celebrate its past

150

00:09:11,430 --> 00:09:09,279

this place shines as a beacon to all of

151  
00:09:13,910 --> 00:09:11,440  
the ability for civilian commercial and

152  
00:09:16,790 --> 00:09:13,920  
military organizations to come together

153  
00:09:18,870 --> 00:09:16,800  
to advance science and technology

154  
00:09:20,630 --> 00:09:18,880  
and our work here enhances the strength

155  
00:09:22,870 --> 00:09:20,640  
of our nation and contributes to a

156  
00:09:25,670 --> 00:09:22,880  
better quality of life for our citizens

157  
00:09:27,670 --> 00:09:25,680  
and the entire world

158  
00:09:29,829 --> 00:09:27,680  
the military has played an important

159  
00:09:31,430 --> 00:09:29,839  
part in our human space flight program

160  
00:09:34,230 --> 00:09:31,440  
from the beginning

161  
00:09:37,350 --> 00:09:34,240  
of the seven original astronauts

162  
00:09:39,430 --> 00:09:37,360  
all of them had a military background

163  
00:09:41,670 --> 00:09:39,440

three were air force officers

164

00:09:44,389 --> 00:09:41,680

three were navy officers

165

00:09:46,550 --> 00:09:44,399

and one was a marine officer

166

00:09:48,550 --> 00:09:46,560

which i'm sure charlie bolden is very

167

00:09:50,470 --> 00:09:48,560

proud

168

00:09:52,550 --> 00:09:50,480

the raqqa behind us

169

00:09:54,870 --> 00:09:52,560

flown by alan shepard was a product of

170

00:09:57,030 --> 00:09:54,880

the army ballistic missile agency that

171

00:09:59,430 --> 00:09:57,040

merged with nasa

172

00:10:01,190 --> 00:09:59,440

the navy helped train alan shepard and

173

00:10:03,269 --> 00:10:01,200

was responsible for recovering him when

174

00:10:05,829 --> 00:10:03,279

he splashed down

175

00:10:07,430 --> 00:10:05,839

the air force as it does today was

176

00:10:09,430 --> 00:10:07,440

responsible for the operation of the

177

00:10:12,790 --> 00:10:09,440

range and the safety of millions of

178

00:10:15,110 --> 00:10:12,800

people as the rocket flew down range

179

00:10:16,870 --> 00:10:15,120

the doctors helped in the selection of

180

00:10:19,269 --> 00:10:16,880

the astronauts and monitored their

181

00:10:21,590 --> 00:10:19,279

health and training and finally nasa

182

00:10:23,509 --> 00:10:21,600

provided the leadership and vision

183

00:10:25,509 --> 00:10:23,519

to bring all of the elements and groups

184

00:10:27,269 --> 00:10:25,519

together to accomplish extraordinary

185

00:10:29,509 --> 00:10:27,279

things

186

00:10:31,269 --> 00:10:29,519

as john gillespie mcgee jr said in his

187

00:10:33,190 --> 00:10:31,279

poem high flight

188

00:10:34,069 --> 00:10:33,200

oh i have slipped the surly bonds of

189

00:10:36,150 --> 00:10:34,079

earth

190

00:10:38,230 --> 00:10:36,160

to touch the face of god

191

00:10:40,790 --> 00:10:38,240

this is what alan shepard accomplished

192

00:10:42,870 --> 00:10:40,800

50 years ago today

193

00:10:45,750 --> 00:10:42,880

and although i was just

194

00:10:47,509 --> 00:10:45,760

a little kid in the 60s

195

00:10:50,069 --> 00:10:47,519

i won't say how little because i don't

196

00:10:52,949 --> 00:10:50,079

want to give away my age

197

00:10:54,389 --> 00:10:52,959

even though it is on the internet

198

00:10:56,470 --> 00:10:54,399

uh

199

00:10:58,790 --> 00:10:56,480

i knew even back then that the cape was

200

00:11:00,949 --> 00:10:58,800

a thrilling place to work i'm still

201  
00:11:03,350 --> 00:11:00,959  
frankly jealous that i never did get to

202  
00:11:05,190 --> 00:11:03,360  
see a saturn v rocket lift off

203  
00:11:07,910 --> 00:11:05,200  
when i talked to people around here who

204  
00:11:10,150 --> 00:11:07,920  
did and they tell me what it was and

205  
00:11:12,150 --> 00:11:10,160  
what it meant

206  
00:11:14,790 --> 00:11:12,160  
pioneers scientists and engineers all

207  
00:11:16,790 --> 00:11:14,800  
alike made it possible for we are all

208  
00:11:19,110 --> 00:11:16,800  
accomplishing today on the civilian and

209  
00:11:20,870 --> 00:11:19,120  
military side of space launch

210  
00:11:23,350 --> 00:11:20,880  
standing on the shoulders of those who

211  
00:11:24,710 --> 00:11:23,360  
made it happen 50 years ago for alan

212  
00:11:26,630 --> 00:11:24,720  
shepard

213  
00:11:28,550 --> 00:11:26,640

i'm sure what we're doing today still

214

00:11:30,790 --> 00:11:28,560

inspires people to get involved in the

215

00:11:32,630 --> 00:11:30,800

exploration of space

216

00:11:35,350 --> 00:11:32,640

just as alan shepard and his fellow

217

00:11:38,150 --> 00:11:35,360

mercury astronaut scott carpenter here

218

00:11:40,829 --> 00:11:38,160

today did for the people

219

00:11:44,389 --> 00:11:40,839

of my generation way back when we were

220

00:11:45,190 --> 00:11:44,399

young it is truly an inspiring moment

221

00:11:47,269 --> 00:11:45,200

that

222

00:11:48,710 --> 00:11:47,279

we collectively are coming together here

223

00:11:50,470 --> 00:11:48,720

to remember

224

00:11:52,230 --> 00:11:50,480

and i'm pleased to see such a broad

225

00:11:54,629 --> 00:11:52,240

audience out there from all different

226

00:11:57,030 --> 00:11:54,639

walks of the space program here to

227

00:11:59,430 --> 00:11:57,040

celebrate this special anniversary

228

00:12:02,150 --> 00:11:59,440

so on behalf of the entire 14th air

229

00:12:03,829 --> 00:12:02,160

force and 45th space wing

230

00:12:06,069 --> 00:12:03,839

i'm pleased to have the privilege of

231

00:12:08,470 --> 00:12:06,079

participating in today's ceremony

232

00:12:10,949 --> 00:12:08,480

we will work tirelessly to continue to

233

00:12:17,990 --> 00:12:10,959

be the world's premier gateway to space

234

00:12:25,750 --> 00:12:19,350

thank you general

235

00:12:29,990 --> 00:12:27,030

thank you

236

00:12:32,870 --> 00:12:30,000

well welcome uh to this 50th anniversary

237

00:12:35,350 --> 00:12:32,880

celebration of americans in space

238

00:12:37,910 --> 00:12:35,360

in just a few minutes we will be hearing

239

00:12:40,470 --> 00:12:37,920

and seeing what happened on this launch

240

00:12:41,750 --> 00:12:40,480

pad 50 years ago to the minute

241

00:12:43,910 --> 00:12:41,760

and follow the mission through to

242

00:12:45,750 --> 00:12:43,920

recovery downrange

243

00:12:48,389 --> 00:12:45,760

uh before i go any further i would like

244

00:12:51,030 --> 00:12:48,399

to take a moment to thank the space

245

00:12:52,710 --> 00:12:51,040

community anniversary committee

246

00:12:55,350 --> 00:12:52,720

for all their efforts

247

00:12:57,350 --> 00:12:55,360

in ensuring that this significant

248

00:12:59,269 --> 00:12:57,360

anniversary did not pass without the

249

00:13:01,110 --> 00:12:59,279

appropriate recognition

250

00:13:03,269 --> 00:13:01,120

and to remember where we started 50

251  
00:13:05,190 --> 00:13:03,279  
years ago today

252  
00:13:07,509 --> 00:13:05,200  
thank you for your early planning and

253  
00:13:10,230 --> 00:13:07,519  
for working with the nasa team to make

254  
00:13:12,629 --> 00:13:10,240  
this such a memorable event

255  
00:13:15,030 --> 00:13:12,639  
in the audience today we have more than

256  
00:13:17,269 --> 00:13:15,040  
a hundred workers from the mercury era

257  
00:13:19,509 --> 00:13:17,279  
who devoted their lives to flying humans

258  
00:13:20,870 --> 00:13:19,519  
safely in space

259  
00:13:22,389 --> 00:13:20,880  
there are a few who couldn't be here

260  
00:13:24,629 --> 00:13:22,399  
today because they're still working in

261  
00:13:26,949 --> 00:13:24,639  
the space industry

262  
00:13:29,350 --> 00:13:26,959  
so i'd like all of you who are part of

263  
00:13:39,350 --> 00:13:29,360

the mercury program to please stand

264

00:13:50,629 --> 00:13:40,230

and

265

00:13:57,350 --> 00:13:52,629

thank you

266

00:13:59,910 --> 00:13:57,360

they've always been a vital part of our

267

00:14:02,069 --> 00:13:59,920

space workforce and i i just want you to

268

00:14:08,069 --> 00:14:02,079

know how much we appreciate all that

269

00:14:13,350 --> 00:14:10,710

i know our administrator charlie bolden

270

00:14:15,110 --> 00:14:13,360

in the entire country joined me in

271

00:14:18,230 --> 00:14:15,120

thanking you what you did through the

272

00:14:20,389 --> 00:14:18,240

years to advance our nation's capability

273

00:14:23,350 --> 00:14:20,399

the space program is essential to our

274

00:14:25,430 --> 00:14:23,360

future and our well-being as a nation

275

00:14:28,829 --> 00:14:25,440

and you can be extremely proud of what

276

00:14:30,389 --> 00:14:28,839

you did for your country and for

277

00:14:33,509 --> 00:14:30,399

humankind

278

00:14:35,590 --> 00:14:33,519

as a small boy growing up in minnesota

279

00:14:37,590 --> 00:14:35,600

i can remember being glued to a small

280

00:14:41,030 --> 00:14:37,600

black and white tv

281

00:14:43,030 --> 00:14:41,040

is i watched with great excitement as we

282

00:14:44,629 --> 00:14:43,040

prepared to launch the first american

283

00:14:46,629 --> 00:14:44,639

into space

284

00:14:51,110 --> 00:14:46,639

i i might add he was a naval academy

285

00:14:57,030 --> 00:14:54,230

astronauts and on by the way susan i did

286

00:15:02,790 --> 00:14:57,040

get to see a saturn v launch is a is a

287

00:15:06,230 --> 00:15:05,189

astronauts and test pilots they were my

288

00:15:08,150 --> 00:15:06,240

heroes

289

00:15:11,030 --> 00:15:08,160

i held them in such high esteem i never

290

00:15:14,389 --> 00:15:11,040

dreamed that one day i might actually be

291

00:15:17,670 --> 00:15:14,399

one but uh alan shepard he set the

292

00:15:20,230 --> 00:15:17,680

example and paved the way for us all

293

00:15:22,949 --> 00:15:20,240

perhaps the most uh far-reaching work

294

00:15:24,710 --> 00:15:22,959

that alan shepard accomplished however

295

00:15:26,310 --> 00:15:24,720

was spearheading the mercury seven

296

00:15:27,829 --> 00:15:26,320

foundation

297

00:15:30,069 --> 00:15:27,839

it has continued to grow from the

298

00:15:32,470 --> 00:15:30,079

original seven to eighty astronauts

299

00:15:35,110 --> 00:15:32,480

strong over the years and is now called

300

00:15:38,069 --> 00:15:35,120

the astronaut scholarship foundation

301  
00:15:41,990 --> 00:15:38,079  
to date the scholarship has funded and

302  
00:15:44,230 --> 00:15:42,000  
supported 270 students in their studies

303  
00:15:45,430 --> 00:15:44,240  
of science technology engineering and

304  
00:15:48,069 --> 00:15:45,440  
math

305  
00:15:51,509 --> 00:15:48,079  
starting with just seven one thousand

306  
00:15:53,509 --> 00:15:51,519  
dollar scholarships in 1986

307  
00:15:57,910 --> 00:15:53,519  
the foundation has grown to where

308  
00:15:59,910 --> 00:15:57,920  
awarded 19 10 000 scholarships this year

309  
00:16:03,350 --> 00:15:59,920  
to help ensure our country

310  
00:16:10,949 --> 00:16:03,360  
retains its world leadership in science

311  
00:16:14,710 --> 00:16:12,629  
during the ceremony

312  
00:16:16,710 --> 00:16:14,720  
you'll be learning a great more

313  
00:16:19,110 --> 00:16:16,720

about alan shepard the man and the

314

00:16:21,350 --> 00:16:19,120

legend from his daughters and other

315

00:16:22,949 --> 00:16:21,360

mercury seven astronauts like scott

316

00:16:25,670 --> 00:16:22,959

carpenter

317

00:16:27,910 --> 00:16:25,680

so get ready to hear from chief test

318

00:16:29,430 --> 00:16:27,920

conductor bob mosher

319

00:16:30,550 --> 00:16:29,440

as they walk us through the launch

320

00:16:33,030 --> 00:16:30,560

process

321

00:16:35,189 --> 00:16:33,040

and thanks again for coming today to

322

00:16:44,230 --> 00:16:35,199

mark this most memorable event in

323

00:16:48,710 --> 00:16:47,110

thank you mr cabana

324

00:16:51,189 --> 00:16:48,720

jay barbary

325

00:16:52,470 --> 00:16:51,199

you were here 50 years ago

326

00:16:54,870 --> 00:16:52,480

this day

327

00:16:57,110 --> 00:16:54,880

also covering the launch of alan shepard

328

00:16:59,590 --> 00:16:57,120

for nbc news

329

00:17:02,310 --> 00:16:59,600

please tell us what you were feeling and

330

00:17:03,910 --> 00:17:02,320

set the stage for recreating the launch

331

00:17:08,630 --> 00:17:03,920

and the mission through in the

332

00:17:13,590 --> 00:17:11,029

first i want to say to all the mercury

333

00:17:16,150 --> 00:17:13,600

team out here it's in their late 70s and

334

00:17:18,309 --> 00:17:16,160

80s as i am have you noticed all these

335

00:17:20,470 --> 00:17:18,319

young people guy came up here they had

336

00:17:21,909 --> 00:17:20,480

to read it

337

00:17:23,270 --> 00:17:21,919

we're going to talk to you about what

338

00:17:24,630 --> 00:17:23,280

happened here you know we're running a

339

00:17:27,189 --> 00:17:24,640

little late right now i want to tell you

340

00:17:29,909 --> 00:17:27,199

it was a day just about like today and

341

00:17:33,029 --> 00:17:29,919

about a mile so up here was a press site

342

00:17:36,150 --> 00:17:33,039

and we had a few hundred people up there

343

00:17:38,710 --> 00:17:36,160

and i was on with a great legend on 16

344

00:17:41,190 --> 00:17:38,720

networks worldwide including

345

00:17:43,270 --> 00:17:41,200

the armed forces radio network and i was

346

00:17:45,909 --> 00:17:43,280

just talking astronaut charlie duke who

347

00:17:47,909 --> 00:17:45,919

is here he was on apollo 16 walked on

348

00:17:49,669 --> 00:17:47,919

the moon and he was talking about he was

349

00:17:51,270 --> 00:17:49,679

a young fighter pilot and they were

350

00:17:55,029 --> 00:17:51,280

listening to us over there on armed

351

00:17:56,950 --> 00:17:55,039

forces network but anyway

352

00:17:59,110 --> 00:17:56,960

we were all over there the day was like

353

00:18:01,110 --> 00:17:59,120

this it was the beginning of something

354

00:18:03,430 --> 00:18:01,120

and it is so great to look out and see

355

00:18:05,990 --> 00:18:03,440

like general augustman over here who was

356

00:18:07,990 --> 00:18:06,000

the backup to general uh medaris and

357

00:18:11,029 --> 00:18:08,000

look at sam bettingfield who put him in

358

00:18:13,510 --> 00:18:11,039

the uh spacecraft and everybody here all

359

00:18:15,830 --> 00:18:13,520

you guys this is for you today and you

360

00:18:17,510 --> 00:18:15,840

guys all did great and it's glad to see

361

00:18:19,909 --> 00:18:17,520

you out here now first i want to start

362

00:18:21,990 --> 00:18:19,919

with bob moser bob if you'll come up let

363

00:18:24,470 --> 00:18:22,000

me tell you a little bit about bob

364

00:18:26,310 --> 00:18:24,480

bob was a test conductor inside he

365

00:18:28,950 --> 00:18:26,320

actually launched him of course the test

366

00:18:30,630 --> 00:18:28,960

director was uh what divas some guy

367

00:18:33,029 --> 00:18:30,640

named divas or something like that yeah

368

00:18:34,870 --> 00:18:33,039

anyway anyway bob here also did the

369

00:18:36,710 --> 00:18:34,880

first satellite into space so what was

370

00:18:39,110 --> 00:18:36,720

it like in the block house

371

00:18:40,830 --> 00:18:39,120

well the block house sitting over there

372

00:18:44,549 --> 00:18:40,840

someplace

373

00:18:47,029 --> 00:18:44,559

uh was uh very crowded we had about 50

374

00:18:49,190 --> 00:18:47,039

people in those three small rooms

375

00:18:50,549 --> 00:18:49,200

but it was very intense

376

00:18:52,390 --> 00:18:50,559

organized

377

00:18:54,070 --> 00:18:52,400

and everybody had their job to do and

378

00:18:56,710 --> 00:18:54,080

did it

379

00:18:58,230 --> 00:18:56,720

it was at that time

380

00:18:59,270 --> 00:18:58,240

push buttons

381

00:19:01,510 --> 00:18:59,280

meters

382

00:19:04,710 --> 00:19:01,520

switches and hard lines coming out here

383

00:19:06,870 --> 00:19:04,720

to the vehicle nothing like it is today

384

00:19:09,430 --> 00:19:06,880

there were no tvs around

385

00:19:12,470 --> 00:19:09,440

that's why the windows are there

386

00:19:14,470 --> 00:19:12,480

so there we were and it was a

387

00:19:16,710 --> 00:19:14,480

intense countdown

388

00:19:18,310 --> 00:19:16,720

everybody was

389

00:19:20,310 --> 00:19:18,320

at their job

390

00:19:21,669 --> 00:19:20,320

there was no joking around let me tell

391

00:19:23,430 --> 00:19:21,679

you

392

00:19:25,029 --> 00:19:23,440

but we enjoyed it

393

00:19:27,830 --> 00:19:25,039

and it worked

394

00:19:29,110 --> 00:19:27,840

and congratulations to all of us we were

395

00:19:31,110 --> 00:19:29,120

a great team

396

00:19:34,230 --> 00:19:31,120

thank you bob thank you thank you very

397

00:19:35,909 --> 00:19:34,240

much he did it hey jack keane come here

398

00:19:37,750 --> 00:19:35,919

now a lot of you people know this guy

399

00:19:39,750 --> 00:19:37,760

coming up here but he you know he was

400

00:19:43,190 --> 00:19:39,760

actually here a couple of weeks before i

401  
00:19:45,350 --> 00:19:43,200  
got here now uh he was with an outfit

402  
00:19:47,590 --> 00:19:45,360  
called the associated press we played

403  
00:19:49,590 --> 00:19:47,600  
poker up in the uh ap bureau up there

404  
00:19:52,470 --> 00:19:49,600  
that's the way you paid your rent yeah

405  
00:19:54,070 --> 00:19:52,480  
you got us guys that play poker anyway

406  
00:19:55,270 --> 00:19:54,080  
jack tell us

407  
00:19:57,510 --> 00:19:55,280  
tell us what was happening with the

408  
00:19:59,430 --> 00:19:57,520  
press well first off i want to say none

409  
00:20:01,990 --> 00:19:59,440  
of you know jay actually covered

410  
00:20:03,350 --> 00:20:02,000  
lindbergh's landing goes back a long

411  
00:20:06,390 --> 00:20:03,360  
time

412  
00:20:09,510 --> 00:20:06,400  
it's been around for a while

413  
00:20:11,190 --> 00:20:09,520

uh the morning of may 5th is

414

00:20:12,710 --> 00:20:11,200

50 years ago

415

00:20:15,830 --> 00:20:12,720

and you know you go back in your memory

416

00:20:18,470 --> 00:20:15,840

i was just talking with neil about this

417

00:20:19,590 --> 00:20:18,480

and you start to think knowing that

418

00:20:21,909 --> 00:20:19,600

you're going to be involved in the

419

00:20:24,549 --> 00:20:21,919

program to start to think about the

420

00:20:25,990 --> 00:20:24,559

various activities on that given day

421

00:20:28,310 --> 00:20:26,000

and then all of a sudden

422

00:20:29,990 --> 00:20:28,320

just like uh i've had memories of apollo

423

00:20:32,230 --> 00:20:30,000

11 the same way

424

00:20:34,390 --> 00:20:32,240

as you are here on occasions like this

425

00:20:37,270 --> 00:20:34,400

it was like yesterday

426

00:20:39,590 --> 00:20:37,280

it's amazing 50 years ago but as things

427

00:20:41,909 --> 00:20:39,600

come in and memories come into your mind

428

00:20:43,590 --> 00:20:41,919

it was a very special time we had

429

00:20:45,029 --> 00:20:43,600

my responsibilities as chief of

430

00:20:47,669 --> 00:20:45,039

information was to run the press

431

00:20:50,310 --> 00:20:47,679

operations at the cape

432

00:20:52,630 --> 00:20:50,320

and also i also handled what was called

433

00:20:54,710 --> 00:20:52,640

the hangarest pool this was the press

434

00:20:57,190 --> 00:20:54,720

pool that went over to hang arrest the

435

00:20:58,870 --> 00:20:57,200

astronauts facilities to cover alan

436

00:21:02,470 --> 00:20:58,880

shepard's departure

437

00:21:03,750 --> 00:21:02,480

from his crew quarters to the launch pad

438

00:21:05,830 --> 00:21:03,760

to me

439

00:21:07,830 --> 00:21:05,840

and i have gone through hundreds of

440

00:21:09,029 --> 00:21:07,840

launches and done countdowns on hundreds

441

00:21:12,310 --> 00:21:09,039

of launches

442

00:21:14,630 --> 00:21:12,320

uh the first is always very special i

443

00:21:18,310 --> 00:21:14,640

must admit it's the only one where i was

444

00:21:20,070 --> 00:21:18,320

misty-eyed the first american in space i

445

00:21:21,750 --> 00:21:20,080

couldn't be prouder and i couldn't be

446

00:21:25,190 --> 00:21:21,760

prouder of her being a part of it thank

447

00:21:27,669 --> 00:21:25,200

you thank you jack thank you hey guys

448

00:21:29,750 --> 00:21:27,679

alan shepard was one hell of a guy no

449

00:21:31,830 --> 00:21:29,760

one knew him didn't know that and he

450

00:21:34,789 --> 00:21:31,840

really set

451

00:21:36,909 --> 00:21:34,799

uh the standards with this launch

452

00:21:40,149 --> 00:21:36,919

that we've had for

453

00:21:41,750 --> 00:21:40,159

164 times that's how many launches we've

454

00:21:44,950 --> 00:21:41,760

had we've got two more to go with the

455

00:21:46,230 --> 00:21:44,960

shuttle program to bring it at 166. but

456

00:21:49,110 --> 00:21:46,240

i want to tell you

457

00:21:52,710 --> 00:21:49,120

most proud he was of these three young

458

00:21:56,470 --> 00:21:53,909

got it right here

459

00:22:00,310 --> 00:21:56,480

this this is alice

460

00:22:02,070 --> 00:22:00,320

this is julie and this is lara now tell

461

00:22:03,590 --> 00:22:02,080

us what it you were doing that morning

462

00:22:05,909 --> 00:22:03,600

and what it was like to know your dad

463

00:22:07,830 --> 00:22:05,919

was about to ride that

464

00:22:10,149 --> 00:22:07,840

well first off i would like to say that

465

00:22:12,149 --> 00:22:10,159

when daddy was first selected as an

466

00:22:13,750 --> 00:22:12,159

astronaut he sat us all down in the

467

00:22:15,350 --> 00:22:13,760

living room

468

00:22:17,190 --> 00:22:15,360

and he told us he wasn't going to be

469

00:22:20,630 --> 00:22:17,200

working for the navy anymore he was

470

00:22:23,190 --> 00:22:20,640

going to be an astronaut and you know he

471

00:22:25,029 --> 00:22:23,200

was so excited about this we we were

472

00:22:26,950 --> 00:22:25,039

really trying to listen but

473

00:22:28,789 --> 00:22:26,960

we kind of got stumbled with the word

474

00:22:31,830 --> 00:22:28,799

astronaut we didn't know what it was we

475

00:22:34,630 --> 00:22:31,840

were 8 and 11. you know so but his

476  
00:22:42,070 --> 00:22:34,640  
enthusiasm won us over we stood up and

477  
00:22:46,870 --> 00:22:44,549  
younger i was just turning 10 years old

478  
00:22:48,149 --> 00:22:46,880  
so i'm look continuing with laura's

479  
00:22:49,990 --> 00:22:48,159  
story i needed a little more

480  
00:22:52,549 --> 00:22:50,000  
confirmation on it

481  
00:22:54,789 --> 00:22:52,559  
so at bedtime that night i'm looking at

482  
00:22:57,029 --> 00:22:54,799  
my dad and i said okay daddy is that

483  
00:22:59,669 --> 00:22:57,039  
rocket gonna bring you back

484  
00:23:01,830 --> 00:22:59,679  
and he looks at me just as we're as

485  
00:23:03,909 --> 00:23:01,840  
confident as you can imagine he goes

486  
00:23:05,990 --> 00:23:03,919  
julie they are not gonna put me up in

487  
00:23:10,070 --> 00:23:06,000  
that rocket if they can't get me home

488  
00:23:16,070 --> 00:23:13,270

this is the birthday girl today alice

489

00:23:18,149 --> 00:23:16,080

well i was the early riser and we were

490

00:23:20,390 --> 00:23:18,159

in virginia beach at the time

491

00:23:23,350 --> 00:23:20,400

mother and our grandparents were in

492

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

virginia beach and it was a bright

493

00:23:28,630 --> 00:23:25,360

beautiful morning like today

494

00:23:31,590 --> 00:23:28,640

and we i looked out the curtains of our

495

00:23:34,470 --> 00:23:31,600

living room and our whole front yard was

496

00:23:35,590 --> 00:23:34,480

full of policemen police dogs and police

497

00:23:36,950 --> 00:23:35,600

cars

498

00:23:39,830 --> 00:23:36,960

and journalists

499

00:23:42,470 --> 00:23:39,840

and so we were i was very taken back by

500

00:23:45,430 --> 00:23:42,480

it and so quickly i ran to julie and

501  
00:23:47,510 --> 00:23:45,440  
woke up mom and said oh my there's stuff

502  
00:23:48,630 --> 00:23:47,520  
going on in the neighborhood

503  
00:23:51,830 --> 00:23:48,640  
so

504  
00:23:54,549 --> 00:23:51,840  
she uh quickly got it got up and told us

505  
00:23:56,390 --> 00:23:54,559  
what was going to happen that day and we

506  
00:23:58,549 --> 00:23:56,400  
sat down in front of the

507  
00:23:59,750 --> 00:23:58,559  
little black and white

508  
00:24:02,230 --> 00:23:59,760  
tv

509  
00:24:03,590 --> 00:24:02,240  
and watched it all happen

510  
00:24:05,830 --> 00:24:03,600  
it was wonderful

511  
00:24:07,750 --> 00:24:05,840  
what do you think today uh where we are

512  
00:24:10,149 --> 00:24:07,760  
today after your dad started out what a

513  
00:24:12,230 --> 00:24:10,159

lot of people don't realize

514

00:24:15,110 --> 00:24:12,240

what makes me so proud of alan shepard

515

00:24:17,110 --> 00:24:15,120

and my personal most proud is he allowed

516

00:24:20,789 --> 00:24:17,120

me to help him write his book the one

517

00:24:22,630 --> 00:24:20,799

and only book moonshot and as uh

518

00:24:24,870 --> 00:24:22,640

somebody by the name of hugh harris over

519

00:24:26,950 --> 00:24:24,880

here mentioned it's just come back

520

00:24:28,549 --> 00:24:26,960

return we've updated it it's on the

521

00:24:29,750 --> 00:24:28,559

internet now

522

00:24:32,710 --> 00:24:29,760

but

523

00:24:37,269 --> 00:24:32,720

he was so proud of you girls and when he

524

00:24:39,909 --> 00:24:37,279

took off on may 5th 1961 he carried

525

00:24:42,390 --> 00:24:39,919

nasa's space program on his shoulders

526

00:24:44,630 --> 00:24:42,400

because he had been beaten into space by

527

00:24:48,070 --> 00:24:44,640

yuri gagarin three weeks earlier he

528

00:24:51,269 --> 00:24:48,080

could have been first if uh von braun

529

00:24:53,029 --> 00:24:51,279

had allowed them to fly the uh

530

00:24:56,230 --> 00:24:53,039

single shot that would have put him up

531

00:24:58,630 --> 00:24:56,240

there they wanted to fly one more and as

532

00:25:00,470 --> 00:24:58,640

when they were beaten by yuri gagarian

533

00:25:01,909 --> 00:25:00,480

the naysayers were out and they were

534

00:25:04,149 --> 00:25:01,919

telling everybody

535

00:25:05,750 --> 00:25:04,159

let's not go we don't need it we've been

536

00:25:08,230 --> 00:25:05,760

beat let's forget about the space

537

00:25:10,549 --> 00:25:08,240

program but kennedy stuck with your dad

538

00:25:13,990 --> 00:25:10,559

your dad had all this weight on his

539

00:25:16,230 --> 00:25:14,000

shoulder he knew that if he failed that

540

00:25:19,269 --> 00:25:16,240

would be the failure of the

541

00:25:21,029 --> 00:25:19,279

space program he also knew when he got

542

00:25:23,669 --> 00:25:21,039

his chance to be

543

00:25:26,070 --> 00:25:23,679

the only member of the mercury original

544

00:25:28,390 --> 00:25:26,080

seven astronauts to go to the moon it

545

00:25:30,870 --> 00:25:28,400

was apollo 14 after

546

00:25:33,590 --> 00:25:30,880

the near disaster of apollo

547

00:25:34,789 --> 00:25:33,600

13 and there was calls then

548

00:25:37,029 --> 00:25:34,799

that if

549

00:25:39,909 --> 00:25:37,039

uh that we didn't need to go anymore we

550

00:25:41,669 --> 00:25:39,919

landed apollo 11's and 11 and 12. we

551  
00:25:44,310 --> 00:25:41,679  
didn't go anymore so he had to make

552  
00:25:47,269 --> 00:25:44,320  
absolutely sure that apollo 14

553  
00:25:49,990 --> 00:25:47,279  
was picture perfect and he did it what a

554  
00:25:50,789 --> 00:25:50,000  
great guy and here we are today and we

555  
00:25:52,310 --> 00:25:50,799  
have

556  
00:25:54,230 --> 00:25:52,320  
the girl standing here is there one

557  
00:25:57,430 --> 00:25:54,240  
thing you'd like to add quickly before

558  
00:25:59,110 --> 00:25:57,440  
we recreate his flight

559  
00:26:01,350 --> 00:25:59,120  
daddy never

560  
00:26:04,630 --> 00:26:01,360  
thought of himself as a hero

561  
00:26:06,789 --> 00:26:04,640  
he tried to keep our family as normal as

562  
00:26:08,549 --> 00:26:06,799  
possible we really weren't thrown out

563  
00:26:12,390 --> 00:26:08,559

into the public

564

00:26:14,950 --> 00:26:12,400

and um i do remember every time he spoke

565

00:26:17,029 --> 00:26:14,960

he always gave credit

566

00:26:18,630 --> 00:26:17,039

to everyone in

567

00:26:19,990 --> 00:26:18,640

nasa

568

00:26:22,549 --> 00:26:20,000

who built

569

00:26:32,710 --> 00:26:22,559

the good ship that brought him home to

570

00:26:37,669 --> 00:26:35,510

now the treat that we have for you today

571

00:26:41,029 --> 00:26:37,679

we have uncovered

572

00:26:44,710 --> 00:26:41,039

a pristine audio of alan shepard's

573

00:26:47,190 --> 00:26:44,720

flight everything he said in freedom 7

574

00:26:49,510 --> 00:26:47,200

from the moment of liftoff until he was

575

00:26:51,190 --> 00:26:49,520

recovered in the atlantic 300 miles

576  
00:26:54,149 --> 00:26:51,200  
southeast of here

577  
00:26:57,190 --> 00:26:54,159  
and we have recreated the video that

578  
00:26:59,750 --> 00:26:57,200  
will cover it uh where is jim lewis and

579  
00:27:02,149 --> 00:26:59,760  
uh cci the guys that put this together

580  
00:27:04,230 --> 00:27:02,159  
for us i think robin anyway here you are

581  
00:27:06,310 --> 00:27:04,240  
over here hi jim thank you so much you

582  
00:27:08,710 --> 00:27:06,320  
got you have a treat we're not going to

583  
00:27:09,510 --> 00:27:08,720  
interrupt it but first i want to bring

584  
00:27:11,990 --> 00:27:09,520  
up

585  
00:27:12,950 --> 00:27:12,000  
someone named scott carpenter scott come

586  
00:27:15,190 --> 00:27:12,960  
on up

587  
00:27:16,310 --> 00:27:15,200  
and while scott's coming up here john

588  
00:27:18,230 --> 00:27:16,320

glenn

589

00:27:19,909 --> 00:27:18,240

was to be here today

590

00:27:21,350 --> 00:27:19,919

john called me the other night

591

00:27:24,549 --> 00:27:21,360

unfortunately

592

00:27:25,909 --> 00:27:24,559

there were two deaths in his family on

593

00:27:28,389 --> 00:27:25,919

any side

594

00:27:30,549 --> 00:27:28,399

and they could not come john wanted to

595

00:27:31,669 --> 00:27:30,559

be here with us for the liftoff today

596

00:27:37,029 --> 00:27:31,679

and scott

597

00:27:38,789 --> 00:27:37,039

along with wallace sherrod didn't you

598

00:27:39,990 --> 00:27:38,799

on this just before it took off i think

599

00:27:41,990 --> 00:27:40,000

we're going to say there you go look

600

00:27:46,870 --> 00:27:42,000

scott look there you go here goes scott

601  
00:28:01,430 --> 00:27:46,880  
off right now f106 taking off he chased

602  
00:28:09,990 --> 00:28:03,669  
at a respectable distance for a long

603  
00:28:13,350 --> 00:28:11,669  
chase he was calling over to you scott

604  
00:28:15,350 --> 00:28:13,360  
now what we're going to do when we get

605  
00:28:17,909 --> 00:28:15,360  
close to liftoff here we're going to be

606  
00:28:19,190 --> 00:28:17,919  
quiet we're going to let you here and

607  
00:28:21,510 --> 00:28:19,200  
relive

608  
00:28:25,350 --> 00:28:21,520  
alan shepard's flight

609  
00:28:25,360 --> 00:28:38,389  
house

610  
00:28:43,750 --> 00:28:41,669  
he lifted off at 9 34 so we still have

611  
00:28:46,310 --> 00:28:43,760  
another four minutes almost to go here

612  
00:28:48,230 --> 00:28:46,320  
before he actually lifts off but you can

613  
00:28:50,310 --> 00:28:48,240

see what it looked like about the same

614

00:28:52,310 --> 00:28:50,320

type of day

615

00:28:54,870 --> 00:28:52,320

tape recorders on seal did you verify

616

00:28:55,789 --> 00:28:54,880

you got a border light this is the same

617

00:28:58,070 --> 00:28:55,799

i did

618

00:29:01,590 --> 00:28:58,080

okay okay

619

00:29:03,350 --> 00:29:01,600

roger ready to resume the account uh ste

620

00:29:27,510 --> 00:29:03,360

i'm going to turn it over to stoney uh

621

00:29:43,110 --> 00:29:30,230

they tried to

622

00:29:43,120 --> 00:29:54,389

me

623

00:29:58,950 --> 00:29:56,950

okay guys uh jim uh if we could bring

624

00:30:00,710 --> 00:29:58,960

the sound up a little bit here as we get

625

00:30:03,350 --> 00:30:00,720

into it i think we can all hear it

626

00:30:05,830 --> 00:30:03,360

pretty well but uh the launch

627

00:30:08,149 --> 00:30:05,840

is right on time with this tape and uh

628

00:30:13,350 --> 00:30:08,159

we're actually market time good audio

629

00:30:19,029 --> 00:30:15,990

and now we are

630

00:30:20,630 --> 00:30:19,039

about two minutes 45 seconds away from

631

00:30:22,710 --> 00:30:20,640

launch

632

00:30:24,710 --> 00:30:22,720

i believe the memory serves me right

633

00:30:25,990 --> 00:30:24,720

we'll we'll have another hole here

634

00:30:39,590 --> 00:30:26,000

before it takes

635

00:30:42,870 --> 00:30:41,669

they called alan shepard the icy

636

00:30:56,710 --> 00:30:42,880

commander

637

00:30:56,720 --> 00:31:08,630

roger

638

00:31:08,640 --> 00:31:15,269

i don't know what that roar is but uh

639

00:31:15,279 --> 00:31:20,149

roger

640

00:31:23,909 --> 00:31:22,470

do you remember do you remember scott

641

00:31:26,549 --> 00:31:23,919

how high and

642

00:31:29,669 --> 00:31:26,559

uh that you were in the f-106 when you

643

00:31:29,679 --> 00:31:38,310

three thousand feet

644

00:31:38,320 --> 00:31:46,710

26 amps

645

00:31:53,269 --> 00:31:49,029

okay guys we're right on time to

646

00:31:55,190 --> 00:31:53,279

recreate alan shepard's flight 50 years

647

00:31:56,230 --> 00:31:55,200

to the moment five

648

00:31:57,430 --> 00:31:56,240

four

649

00:31:58,549 --> 00:31:57,440

three

650

00:32:12,470 --> 00:31:58,559

two

651  
00:32:12,480 --> 00:32:29,830  
loud and clear

652  
00:32:36,630 --> 00:32:33,669  
this is freedom seven the fuel is go 1.2

653  
00:32:39,029 --> 00:32:36,640  
g cabin at 14 psi

654  
00:32:53,669 --> 00:32:39,039  
oxygen is go

655  
00:32:53,679 --> 00:33:03,909  
freedom 7 is still go

656  
00:33:07,350 --> 00:33:05,509  
this is seven

657  
00:33:09,269 --> 00:33:07,360  
fuel is go

658  
00:33:27,590 --> 00:33:09,279  
1.8 g

659  
00:33:35,269 --> 00:33:31,430  
kevin brusher is holding at 5.5

660  
00:33:38,549 --> 00:33:35,279  
kevin holding at 5.5 i understand

661  
00:33:42,549 --> 00:33:38,559  
holding it five

662  
00:33:45,190 --> 00:33:42,559  
fuel is go 2.5 g

663  
00:33:48,789 --> 00:33:45,200

gavin 5.5

664

00:33:52,870 --> 00:33:48,799  
oxygen is go the main bus is 24

665

00:33:54,549 --> 00:33:52,880  
and the isolated battery is 29.

666

00:33:57,110 --> 00:33:54,559  
yeah let's read your five to five

667

00:33:59,350 --> 00:33:57,120  
protect the locate

668

00:34:08,069 --> 00:33:59,360  
okay it's a lot smoother now a lot

669

00:34:13,669 --> 00:34:11,589  
seven-year fuel is go 4g

670

00:34:15,270 --> 00:34:13,679  
5.5 kevin

671

00:34:18,149 --> 00:34:15,280  
oxygen go

672

00:34:31,750 --> 00:34:18,159  
all systems are go

673

00:34:31,760 --> 00:34:43,829  
green

674

00:34:58,870 --> 00:34:46,470  
periscope is coming out

675

00:35:05,990 --> 00:35:02,069  
scs is okay

676  
00:35:34,950 --> 00:35:13,670  
okay

677  
00:35:55,109 --> 00:35:38,470  
switching to manual yaw

678  
00:36:06,230 --> 00:35:56,829  
manual

679  
00:36:12,069 --> 00:36:08,790  
bowlers okay

680  
00:36:16,710 --> 00:36:12,079  
good okay looks good

681  
00:36:19,270 --> 00:36:16,720  
i'm a periscope what a beautiful view

682  
00:36:21,349 --> 00:36:19,280  
about cover over florida

683  
00:36:23,109 --> 00:36:21,359  
three to four tenths near the eastern

684  
00:36:31,990 --> 00:36:23,119  
coast

685  
00:36:38,230 --> 00:36:34,870  
they can see okeechobee

686  
00:36:50,150 --> 00:36:38,240  
identify andrews island

687  
00:36:52,069 --> 00:36:51,109  
five

688  
00:36:53,030 --> 00:36:52,079

four

689

00:36:55,190 --> 00:36:53,040

three

690

00:36:57,190 --> 00:36:55,200

two

691

00:36:59,670 --> 00:36:57,200

three

692

00:37:09,190 --> 00:36:59,680

sight retro sequence in retro attitude

693

00:37:09,200 --> 00:37:14,950

control is smooth

694

00:37:14,960 --> 00:37:27,430

you notice

695

00:37:32,390 --> 00:37:30,150

retro one

696

00:37:45,430 --> 00:37:32,400

very smooth

697

00:37:45,440 --> 00:37:59,990

all three retros are fired

698

00:38:00,000 --> 00:38:09,910

uh negative

699

00:38:09,920 --> 00:38:26,069

switching fly by wire

700

00:38:26,079 --> 00:38:33,589

roll is okay

701  
00:38:33,599 --> 00:38:39,589  
roger do not have a light

702  
00:38:44,069 --> 00:38:41,829  
i do not have a light i see the straps

703  
00:38:46,710 --> 00:38:44,079  
falling away i heard a noise

704  
00:38:52,310 --> 00:38:46,720  
i will use override

705  
00:38:52,320 --> 00:39:00,550  
oh roger

706  
00:39:00,560 --> 00:39:05,190  
periscope is retracting

707  
00:39:25,109 --> 00:39:07,430  
and one fly by wire going to re-entry

708  
00:39:25,119 --> 00:39:31,030  
switching ascs normal

709  
00:39:31,040 --> 00:39:43,030  
the scs is okay

710  
00:39:43,040 --> 00:39:53,829  
switching hf for radio check

711  
00:39:53,839 --> 00:40:07,190  
freedom captain

712  
00:40:07,200 --> 00:40:23,670  
hf harvey

713  
00:40:23,680 --> 00:40:28,230

okay this is playing seven

714

00:40:32,309 --> 00:40:30,630

g build up

715

00:40:34,309 --> 00:40:32,319

three

716

00:40:39,910 --> 00:40:34,319

six

717

00:41:11,030 --> 00:40:42,069

okay

718

00:41:11,040 --> 00:41:15,510

forty five thousand feet now

719

00:41:26,630 --> 00:41:18,630

uh forty thousand feet

720

00:41:26,640 --> 00:41:36,069

35 000.

721

00:41:36,079 --> 00:41:45,349

thirty thousand feet

722

00:41:48,790 --> 00:41:47,270

have come out

723

00:41:57,190 --> 00:41:48,800

all right they're decorating loud and

724

00:41:57,200 --> 00:42:00,550

oh roger

725

00:42:04,550 --> 00:42:03,510

the drug is green at 21 the periscope is

726

00:42:10,309 --> 00:42:04,560

out

727

00:42:15,430 --> 00:42:12,550

okay a drought deploy i've got seven

728

00:42:24,870 --> 00:42:15,440

zero percent

729

00:42:32,230 --> 00:42:28,230

and the snorkels at about 15 000 feet

730

00:42:32,240 --> 00:42:38,870

standing by for maine

731

00:42:44,470 --> 00:42:41,030

maine green

732

00:42:46,550 --> 00:42:44,480

main chute is raced

733

00:42:49,910 --> 00:42:46,560

main street is green main street is

734

00:42:52,390 --> 00:42:49,920

coming unraised and it looks good

735

00:43:02,710 --> 00:42:52,400

this was the happiest time of his flight

736

00:43:02,720 --> 00:43:18,790

hello capcom freedom7 how do you read

737

00:43:24,829 --> 00:43:21,510

hello card file 2-3 this is freedom 7 do

738

00:43:28,150 --> 00:43:26,550

freedom this is indian capcom do you

739

00:43:30,230 --> 00:43:28,160

read me

740

00:43:31,510 --> 00:43:30,240

affirmative indian capcom let me give

741

00:43:34,550 --> 00:43:31,520

you a report

742

00:43:37,030 --> 00:43:34,560

i'm at 7 000 feet the main chute is good

743

00:43:40,790 --> 00:43:37,040

the landing bank is on green

744

00:43:47,430 --> 00:43:40,800

my peroxide has dumped my condition is

745

00:43:55,190 --> 00:43:49,990

i understand you're at 7 000 feet your

746

00:43:55,200 --> 00:44:27,349

that is affirmative please relay

747

00:45:04,150 --> 00:44:56,390

so

748

00:45:12,470 --> 00:45:06,390

card file two three card file two three

749

00:45:17,589 --> 00:45:14,150

uh freedom

750

00:45:21,670 --> 00:45:20,470

oh is is seven relay back to camp palmer

751  
00:45:24,230 --> 00:45:21,680  
please

752  
00:45:26,470 --> 00:45:24,240  
my altitude now four thousand feet

753  
00:45:27,910 --> 00:45:26,480  
condition as before the main chute is

754  
00:45:29,990 --> 00:45:27,920  
good

755  
00:45:32,710 --> 00:45:30,000  
the landing bank has deployed the

756  
00:45:54,470 --> 00:45:32,720  
peroxide has dumped

757  
00:45:54,480 --> 00:46:34,870  
wow

758  
00:46:40,550 --> 00:46:38,710  
uh card file two three freedom seven

759  
00:46:43,109 --> 00:46:40,560  
seven two three

760  
00:46:45,030 --> 00:46:43,119  
uh i'm about 1500 feet now the main

761  
00:46:47,190 --> 00:46:45,040  
chute still looks good radio descent is

762  
00:47:22,309 --> 00:46:47,200  
indicating 30 feet per second

763  
00:47:22,319 --> 00:47:36,549

uh

764

00:47:36,559 --> 00:47:39,349

this time

765

00:47:42,870 --> 00:47:41,190

the negative just relaying my condition

766

00:47:44,309 --> 00:47:42,880

is still good i'm getting ready for

767

00:47:58,950 --> 00:47:44,319

impact

768

00:48:04,150 --> 00:48:01,829

okay that's it he's back safely

769

00:48:06,950 --> 00:48:04,160

he's back safely and i want to thank

770

00:48:09,829 --> 00:48:06,960

these television people we did it right

771

00:48:12,309 --> 00:48:09,839

to the second 50 years to the second

772

00:48:14,630 --> 00:48:12,319

recreated his flight now he's waiting to

773

00:48:16,230 --> 00:48:14,640

be picked up and i want to tell you guys

774

00:48:19,349 --> 00:48:16,240

sitting here on the front row is a

775

00:48:21,510 --> 00:48:19,359

little alan shepard his name is baxter

776

00:48:23,349 --> 00:48:21,520

he's his great-grandson did you like to

777

00:48:25,829 --> 00:48:23,359

watch your granddad there today fly

778

00:48:27,190 --> 00:48:25,839

baxter good thank you for coming to see

779

00:48:28,870 --> 00:48:27,200

us all right

780

00:48:30,150 --> 00:48:28,880

thank you baxter

781

00:48:32,150 --> 00:48:30,160

anyway uh

782

00:48:34,150 --> 00:48:32,160

look at there scott they got the capsule

783

00:48:35,990 --> 00:48:34,160

up there you flew down with the rest of

784

00:48:38,230 --> 00:48:36,000

the mercury astronaut tell us what it

785

00:48:40,390 --> 00:48:38,240

was like down there when you got to see

786

00:48:42,790 --> 00:48:40,400

alan back on ground

787

00:48:45,750 --> 00:48:42,800

i saw wally sherrah

788

00:48:48,790 --> 00:48:45,760

who flew the other chase airplane we

789

00:48:51,990 --> 00:48:48,800

shook hands when we landed the the

790

00:48:54,790 --> 00:48:52,000

conversation went sort of like this

791

00:48:57,109 --> 00:48:54,800

wally what did you see he said

792

00:48:58,790 --> 00:48:57,119

scott what did you see

793

00:49:02,309 --> 00:48:58,800

we both said

794

00:49:04,870 --> 00:49:02,319

didn't see a thing

795

00:49:07,910 --> 00:49:04,880

we were we were circling at a

796

00:49:09,430 --> 00:49:07,920

respectable distance maybe six miles

797

00:49:12,150 --> 00:49:09,440

away

798

00:49:13,270 --> 00:49:12,160

and it's a good idea to chase the first

799

00:49:14,790 --> 00:49:13,280

flight of

800

00:49:16,950 --> 00:49:14,800

a new machine

801  
00:49:21,109 --> 00:49:16,960  
but when the first flight goes straight

802  
00:49:23,430 --> 00:49:21,119  
up it's hard to chase

803  
00:49:26,150 --> 00:49:23,440  
yeah i think you told me earlier that

804  
00:49:28,390 --> 00:49:26,160  
you guys lost sight of him about 3 000

805  
00:49:29,670 --> 00:49:28,400  
feet was that about 10 seconds after

806  
00:49:32,309 --> 00:49:29,680  
launch

807  
00:49:34,790 --> 00:49:32,319  
it's something like that

808  
00:49:36,790 --> 00:49:34,800  
scott thank you so much and i want you

809  
00:49:39,109 --> 00:49:36,800  
to know that scott of course was our

810  
00:49:41,270 --> 00:49:39,119  
second american in the earth orbit he

811  
00:49:43,589 --> 00:49:41,280  
followed john glenn and again john

812  
00:49:46,150 --> 00:49:43,599  
wanted to be here with us so much today

813  
00:49:48,470 --> 00:49:46,160

to do this but it's just fantastic we

814

00:49:51,270 --> 00:49:48,480

want to thank again bob cabana the

815

00:49:53,990 --> 00:49:51,280

director of nasa's kennedy space center

816

00:49:56,309 --> 00:49:54,000

and also general wilson over here who is

817

00:49:58,630 --> 00:49:56,319

also our host but we appreciate you

818

00:49:59,589 --> 00:49:58,640

letting general helms speak uh today

819

00:50:03,670 --> 00:49:59,599

general

820

00:50:05,829 --> 00:50:03,680

helms we're very proud of you and that

821

00:50:09,030 --> 00:50:05,839

guy's sitting on your left that marine

822

00:50:10,790 --> 00:50:09,040

we're sort of proud of him too okay so

823

00:50:12,710 --> 00:50:10,800

what we'll do we'll give it back to you

824

00:50:22,710 --> 00:50:12,720

here now and all of you thank you for

825

00:50:27,710 --> 00:50:24,150

thank you jay

826

00:50:30,309 --> 00:50:27,720

the uh and thank you scott the um

827

00:50:31,910 --> 00:50:30,319

unfortunately we have a lot of wind up

828

00:50:32,870 --> 00:50:31,920

here today

829

00:50:38,069 --> 00:50:32,880

um

830

00:50:46,150 --> 00:50:39,829

and it

831

00:50:49,030 --> 00:50:46,950

the

832

00:50:51,589 --> 00:50:49,040

now now it's a great pleasure to

833

00:50:53,829 --> 00:50:51,599

introduce charlie bolden

834

00:50:56,390 --> 00:50:53,839

uh our administrator

835

00:50:57,750 --> 00:50:56,400

his deployment of the hubble space

836

00:51:00,630 --> 00:50:57,760

telescope

837

00:51:03,750 --> 00:51:00,640

that sees farther into the universe than

838

00:51:06,230 --> 00:51:03,760

any other telescope is really consistent

839

00:51:08,230 --> 00:51:06,240

with the job that he has today

840

00:51:11,349 --> 00:51:08,240

because his job is to envision the

841

00:51:12,470 --> 00:51:11,359

future of nasa and to guide us on that

842

00:51:20,150 --> 00:51:12,480

journey

843

00:51:23,910 --> 00:51:21,670

thank you thank you very much and thanks

844

00:51:26,549 --> 00:51:23,920

to all of you for coming out uh this

845

00:51:28,870 --> 00:51:26,559

morning this is absolutely incredible uh

846

00:51:31,589 --> 00:51:28,880

i'm not sure about most of you but uh i

847

00:51:33,910 --> 00:51:31,599

got goosebumps watching the video

848

00:51:36,230 --> 00:51:33,920

and uh as i listen to alan throughout

849

00:51:37,750 --> 00:51:36,240

the mission there is no question that my

850

00:51:39,670 --> 00:51:37,760

heart rate sitting over here next to

851  
00:51:43,030 --> 00:51:39,680  
general helms was probably higher than

852  
00:51:45,190 --> 00:51:43,040  
alan's got the entire flight uh

853  
00:51:47,030 --> 00:51:45,200  
susan as i get as i know her general

854  
00:51:49,510 --> 00:51:47,040  
helms bob and i were sitting there as

855  
00:51:51,430 --> 00:51:49,520  
alan was counting up the g's and bob

856  
00:51:52,790 --> 00:51:51,440  
went 10 g's

857  
00:51:54,309 --> 00:51:52,800  
and i went

858  
00:51:55,829 --> 00:51:54,319  
that's that hurts just sitting here

859  
00:51:58,790 --> 00:51:55,839  
listening

860  
00:52:00,309 --> 00:51:58,800  
jay uh you know because i am

861  
00:52:01,829 --> 00:52:00,319  
younger

862  
00:52:03,349 --> 00:52:01,839  
i am going to read

863  
00:52:04,950 --> 00:52:03,359

and the main and the main reason i'm

864

00:52:06,470 --> 00:52:04,960

going to read is because my wife sitting

865

00:52:08,470 --> 00:52:06,480

down there always says

866

00:52:10,950 --> 00:52:08,480

don't ad-lib because you talk too long

867

00:52:13,349 --> 00:52:10,960

and you say too much

868

00:52:15,670 --> 00:52:13,359

so i will do that

869

00:52:17,430 --> 00:52:15,680

any marine that can read okay i probably

870

00:52:20,150 --> 00:52:17,440

should read this and get it done really

871

00:52:22,230 --> 00:52:20,160

really quickly

872

00:52:24,950 --> 00:52:22,240

i i do want to take an opportunity this

873

00:52:26,950 --> 00:52:24,960

is a joyous day for us and um and as we

874

00:52:28,390 --> 00:52:26,960

do this i want to remind people that you

875

00:52:30,150 --> 00:52:28,400

know there are a lot of things that go

876

00:52:33,030 --> 00:52:30,160

on in this world we we have the

877

00:52:35,670 --> 00:52:33,040

privilege of uh associating with perhaps

878

00:52:37,670 --> 00:52:35,680

the greatest program uh that has ever

879

00:52:39,990 --> 00:52:37,680

seen seen existence on this planet and

880

00:52:42,230 --> 00:52:40,000

that's the space program um

881

00:52:43,910 --> 00:52:42,240

even as we sit here however we have some

882

00:52:45,349 --> 00:52:43,920

brothers and sisters up in huntsville

883

00:52:47,349 --> 00:52:45,359

alabama at the marshall space flight

884

00:52:49,109 --> 00:52:47,359

center who went through some devastating

885

00:52:51,750 --> 00:52:49,119

events with the tornadoes just in this

886

00:52:53,589 --> 00:52:51,760

past week and they continue to press on

887

00:52:55,670 --> 00:52:53,599

in spite of everything several of them

888

00:52:56,710 --> 00:52:55,680

have lost everything but i'd ask you to

889

00:52:58,230 --> 00:52:56,720

remember them and keep them in your

890

00:53:01,670 --> 00:52:58,240

thoughts and prayers as we go through

891

00:53:02,790 --> 00:53:01,680

these celebrations um you know alice

892

00:53:04,470 --> 00:53:02,800

we talked about it a little bit

893

00:53:06,630 --> 00:53:04,480

yesterday i don't know how many of you

894

00:53:08,790 --> 00:53:06,640

got the significance today is alice's

895

00:53:10,230 --> 00:53:08,800

birthday and i commented to her i said

896

00:53:12,790 --> 00:53:10,240

you know did you think about the

897

00:53:14,870 --> 00:53:12,800

birthday candle that your dad put on

898

00:53:17,030 --> 00:53:14,880

your cake you know launching on your

899

00:53:18,309 --> 00:53:17,040

birthday and and she said you know i

900

00:53:21,990 --> 00:53:18,319

really didn't

901  
00:53:24,630 --> 00:53:22,000  
at that time uh and the other thing was

902  
00:53:26,150 --> 00:53:24,640  
um some of you have heard me talk about

903  
00:53:27,589 --> 00:53:26,160  
faith before

904  
00:53:30,150 --> 00:53:27,599  
some things happen

905  
00:53:31,990 --> 00:53:30,160  
uh that we over which we have no control

906  
00:53:33,750 --> 00:53:32,000  
this was not the day that alan shepard

907  
00:53:35,430 --> 00:53:33,760  
was supposed to launch

908  
00:53:36,790 --> 00:53:35,440  
uh he was supposed to have launched i

909  
00:53:39,190 --> 00:53:36,800  
think

910  
00:53:41,109 --> 00:53:39,200  
three days earlier but uh things just

911  
00:53:42,710 --> 00:53:41,119  
didn't work out that way and he launched

912  
00:53:44,630 --> 00:53:42,720  
on the birthday

913  
00:53:45,670 --> 00:53:44,640

you know of alice so i think things work

914

00:53:47,270 --> 00:53:45,680

well

915

00:53:49,430 --> 00:53:47,280

hugh i can't thank you for putting this

916

00:53:51,589 --> 00:53:49,440

together and for being

917

00:53:54,390 --> 00:53:51,599

the moderator here i want to thank all

918

00:53:55,990 --> 00:53:54,400

of you for coming again laura julialis

919

00:53:59,430 --> 00:53:56,000

thanks so much for helping us put a

920

00:54:01,349 --> 00:53:59,440

human face on an iconic man and scott um

921

00:54:03,430 --> 00:54:01,359

you know we we listened to you yesterday

922

00:54:06,069 --> 00:54:03,440

and and today it was just tremendous and

923

00:54:08,390 --> 00:54:06,079

you are an incredible legend uh one for

924

00:54:14,870 --> 00:54:08,400

whom we have great respect and uh in

925

00:54:17,910 --> 00:54:16,309

and i want to thank all of you who are

926  
00:54:20,950 --> 00:54:17,920  
part of the mercury program as bob said

927  
00:54:24,069 --> 00:54:20,960  
particularly the the spouses uh because

928  
00:54:26,150 --> 00:54:24,079  
as today with everything the spouses are

929  
00:54:27,829 --> 00:54:26,160  
sort of the unsung heroes the people

930  
00:54:30,309 --> 00:54:27,839  
that allow us to go off and do things

931  
00:54:32,069 --> 00:54:30,319  
and have fun uh while people stay back

932  
00:54:34,230 --> 00:54:32,079  
and and make things really happen in the

933  
00:54:35,990 --> 00:54:34,240  
homes jay you've been instrumental in

934  
00:54:37,829 --> 00:54:36,000  
chronicling the exploits of the space

935  
00:54:39,829 --> 00:54:37,839  
program from millions of people through

936  
00:54:41,670 --> 00:54:39,839  
many years and we really appreciate your

937  
00:54:42,789 --> 00:54:41,680  
extraordinary dedication which continues

938  
00:54:44,710 --> 00:54:42,799

to this day

939

00:54:46,870 --> 00:54:44,720

it's an extreme pleasure for me to be

940

00:54:48,470 --> 00:54:46,880

here with all of you today not only to

941

00:54:51,829 --> 00:54:48,480

recognize a courageous flight and a

942

00:54:54,150 --> 00:54:51,839

historic moment but also to challenge

943

00:54:55,829 --> 00:54:54,160

all of us to remember just what alan

944

00:54:58,069 --> 00:54:55,839

shepard's achievement and that of the

945

00:54:59,190 --> 00:54:58,079

whole project mercury meant for this

946

00:55:01,910 --> 00:54:59,200

country

947

00:55:03,270 --> 00:55:01,920

and continues to mean as we strive for

948

00:55:04,630 --> 00:55:03,280

even greater heights in human

949

00:55:06,390 --> 00:55:04,640

exploration

950

00:55:07,589 --> 00:55:06,400

project mercury gave our country

951  
00:55:09,750 --> 00:55:07,599  
something new

952  
00:55:12,470 --> 00:55:09,760  
an astronaut corps and space vehicles

953  
00:55:14,870 --> 00:55:12,480  
that began our human exploration efforts

954  
00:55:17,349 --> 00:55:14,880  
those efforts have now culminated in an

955  
00:55:21,109 --> 00:55:17,359  
orbiting international space station

956  
00:55:22,630 --> 00:55:21,119  
that has been occupied by humans 24 7

957  
00:55:24,470 --> 00:55:22,640  
for 10 years now

958  
00:55:25,430 --> 00:55:24,480  
and will be for at least another 10

959  
00:55:27,829 --> 00:55:25,440  
years

960  
00:55:29,589 --> 00:55:27,839  
we've launched an amazing reusable space

961  
00:55:32,230 --> 00:55:29,599  
vehicle the space shuttle

962  
00:55:35,190 --> 00:55:32,240  
more than 130 times and achieved may

963  
00:55:37,190 --> 00:55:35,200

amazing things with that vehicle

964

00:55:38,870 --> 00:55:37,200

the space shuttle has deployed and

965

00:55:41,910 --> 00:55:38,880

retrieved satellites

966

00:55:43,750 --> 00:55:41,920

united international communications grid

967

00:55:46,390 --> 00:55:43,760

uncovered new scientific knowledge and

968

00:55:48,549 --> 00:55:46,400

increased our understanding of robotics

969

00:55:50,230 --> 00:55:48,559

shuttle allowed us to build the iss and

970

00:55:52,470 --> 00:55:50,240

to send hundreds of diverse men and

971

00:55:54,789 --> 00:55:52,480

women into earth orbit people who would

972

00:55:56,710 --> 00:55:54,799

have never had that opportunity before

973

00:55:57,910 --> 00:55:56,720

with the same spirit of innovation and

974

00:55:59,589 --> 00:55:57,920

grit

975

00:56:02,309 --> 00:55:59,599

of the mercury gemini and apollo

976  
00:56:04,549 --> 00:56:02,319  
programs we now move out on an exciting

977  
00:56:07,030 --> 00:56:04,559  
path forward where we will develop the

978  
00:56:09,510 --> 00:56:07,040  
capabilities to take humans to even more

979  
00:56:11,430 --> 00:56:09,520  
destinations in the solar system

980  
00:56:14,549 --> 00:56:11,440  
a path on which commercial companies

981  
00:56:17,349 --> 00:56:14,559  
will expand access to that rarified area

982  
00:56:19,349 --> 00:56:17,359  
where allen first ventured for america

983  
00:56:22,069 --> 00:56:19,359  
this will allow nasa to focus on those

984  
00:56:24,630 --> 00:56:22,079  
bigger harder destinations never before

985  
00:56:26,950 --> 00:56:24,640  
visited by humans as well as enhance our

986  
00:56:28,390 --> 00:56:26,960  
science missions to peer beyond our

987  
00:56:30,549 --> 00:56:28,400  
solar system

988  
00:56:33,750 --> 00:56:30,559

it's an honor to share this day with so

989

00:56:36,150 --> 00:56:33,760

many people who help nasa pioneer human

990

00:56:38,470 --> 00:56:36,160

space flight and enable the agency's

991

00:56:39,670 --> 00:56:38,480

many accomplishments throughout our

992

00:56:42,230 --> 00:56:39,680

existence

993

00:56:43,990 --> 00:56:42,240

i salute all of you

994

00:56:46,150 --> 00:56:44,000

as i experience my flights on the

995

00:56:47,829 --> 00:56:46,160

shuttle i never doubted that the people

996

00:56:48,789 --> 00:56:47,839

on the ground helping me succeed in

997

00:56:50,630 --> 00:56:48,799

space

998

00:56:52,150 --> 00:56:50,640

were the most dedicated

999

00:56:55,109 --> 00:56:52,160

knowledgeable

1000

00:56:56,870 --> 00:56:55,119

resilient people in the world

1001  
00:56:59,589 --> 00:56:56,880  
this is a tough business

1002  
00:57:01,109 --> 00:56:59,599  
this launching rockets

1003  
00:57:03,270 --> 00:57:01,119  
from the planet

1004  
00:57:05,109 --> 00:57:03,280  
it's never going to be without risk

1005  
00:57:07,190 --> 00:57:05,119  
from apollo to shuttle

1006  
00:57:09,270 --> 00:57:07,200  
men and women have lost their lives

1007  
00:57:10,549 --> 00:57:09,280  
trying to push the boundaries of our

1008  
00:57:12,910 --> 00:57:10,559  
experience

1009  
00:57:14,710 --> 00:57:12,920  
it was a good day may 5th

1010  
00:57:16,870 --> 00:57:14,720  
1961

1011  
00:57:19,190 --> 00:57:16,880  
but the world waited on pins and needles

1012  
00:57:21,030 --> 00:57:19,200  
praying for a good outcome

1013  
00:57:24,150 --> 00:57:21,040

i like to think that alan was focused on

1014

00:57:26,549 --> 00:57:24,160

the flight on his duties as a pilot

1015

00:57:28,470 --> 00:57:26,559

he was the consummate professional

1016

00:57:30,789 --> 00:57:28,480

none of us can really feel ourselves

1017

00:57:31,589 --> 00:57:30,799

walking into history but he had to know

1018

00:57:33,910 --> 00:57:31,599

it

1019

00:57:35,750 --> 00:57:33,920

i was a teenager at the time and just

1020

00:57:37,109 --> 00:57:35,760

sorting out the field of study i wanted

1021

00:57:38,710 --> 00:57:37,119

to pursue

1022

00:57:40,230 --> 00:57:38,720

though i never imagined becoming an

1023

00:57:43,030 --> 00:57:40,240

astronaut growing up in the segregated

1024

00:57:45,510 --> 00:57:43,040

south carolina i was proud to follow in

1025

00:57:48,069 --> 00:57:45,520

allen's footsteps several years later

1026  
00:57:51,270 --> 00:57:48,079  
and become a test pilot myself

1027  
00:57:54,390 --> 00:57:51,280  
but he was our first in space

1028  
00:57:56,309 --> 00:57:54,400  
and will forever be an icon

1029  
00:57:58,230 --> 00:57:56,319  
i've spent a very significant portion of

1030  
00:58:00,390 --> 00:57:58,240  
my career at nasa

1031  
00:58:02,870 --> 00:58:00,400  
both as an astronaut in the astronaut

1032  
00:58:05,670 --> 00:58:02,880  
office at the johnson space center and

1033  
00:58:07,750 --> 00:58:05,680  
now as the head of our space program

1034  
00:58:09,910 --> 00:58:07,760  
the experiences i've had

1035  
00:58:11,990 --> 00:58:09,920  
would have not been possible without

1036  
00:58:13,589 --> 00:58:12,000  
alan's pioneering effort

1037  
00:58:15,750 --> 00:58:13,599  
the inspiration

1038  
00:58:17,589 --> 00:58:15,760

that has created generations of leaders

1039

00:58:19,910 --> 00:58:17,599

to enlarge our understanding of our

1040

00:58:23,030 --> 00:58:19,920

universe and to strive toward the

1041

00:58:25,349 --> 00:58:23,040

highest in human potential was sparked

1042

00:58:27,589 --> 00:58:25,359

by these early achievements

1043

00:58:30,309 --> 00:58:27,599

they began with freedom 7

1044

00:58:32,309 --> 00:58:30,319

and a daredevil test pilot who flew the

1045

00:58:33,190 --> 00:58:32,319

ultimate experimental vehicle that may

1046

00:58:34,870 --> 00:58:33,200

day

1047

00:58:37,190 --> 00:58:34,880

50 years ago

1048

00:58:39,430 --> 00:58:37,200

a daring daring

1049

00:58:42,630 --> 00:58:39,440

young alan shepard

1050

00:58:45,109 --> 00:58:42,640

who walked out onto this very launch pad

1051

00:58:47,030 --> 00:58:45,119

and perhaps saw the future

1052

00:58:49,109 --> 00:58:47,040

i can't help but believe

1053

00:58:51,030 --> 00:58:49,119

that if alan did ponder history as he

1054

00:58:52,549 --> 00:58:51,040

stepped into the capsule

1055

00:58:54,710 --> 00:58:52,559

he could not have imagined the full

1056

00:58:56,470 --> 00:58:54,720

scope of achievements that would flow

1057

00:58:58,630 --> 00:58:56,480

from his actions

1058

00:59:01,109 --> 00:58:58,640

or the greater accomplishments that are

1059

00:59:04,390 --> 00:59:01,119

yet to come if

1060

00:59:07,190 --> 00:59:04,400

if we continue to follow his example and

1061

00:59:08,390 --> 00:59:07,200

strive for the things that are hard

1062

00:59:09,990 --> 00:59:08,400

but are good

1063

00:59:11,349 --> 00:59:10,000

and worthwhile

1064

00:59:13,430 --> 00:59:11,359

thank all of you

1065

00:59:15,750 --> 00:59:13,440

for this wonderful celebration

1066

00:59:17,589 --> 00:59:15,760

god bless alan shepard's memory god

1067

00:59:36,470 --> 00:59:17,599

bless all of you and god bless the

1068

00:59:42,150 --> 00:59:39,030

thank you administrator bolden

1069

00:59:45,990 --> 00:59:42,160

bill nelson uh senator senior senator

1070

00:59:48,950 --> 00:59:46,000

from florida has been a part of the

1071

00:59:50,870 --> 00:59:48,960

space family throughout his career going

1072

00:59:53,750 --> 00:59:50,880

back to state office

1073

00:59:55,109 --> 00:59:53,760

and then national office and is now the

1074

00:59:58,230 --> 00:59:55,119

only

1075

01:00:01,270 --> 00:59:58,240

senator who has flown in space and he

1076

01:00:04,390 --> 01:00:01,280

devotes a significant amount of his time

1077

01:00:07,430 --> 01:00:04,400

to space policy he wanted to be here

1078

01:00:09,190 --> 01:00:07,440

today but the senate's in session and so

1079

01:00:15,589 --> 01:00:09,200

he's unable to come

1080

01:00:22,230 --> 01:00:16,710

it's

1081

01:00:23,589 --> 01:00:22,240

since alan shepard put it all on the

1082

01:00:25,829 --> 01:00:23,599

line

1083

01:00:28,549 --> 01:00:25,839

to be the first american in space and he

1084

01:00:31,589 --> 01:00:28,559

blasted off on freedom 7

1085

01:00:34,069 --> 01:00:31,599

for only a 15-minute flight that would

1086

01:00:36,789 --> 01:00:34,079

change the course of american history

1087

01:00:39,670 --> 01:00:36,799

and exploration

1088

01:00:42,870 --> 01:00:39,680

one of allen's first comments during his

1089

01:00:47,750 --> 01:00:42,880

flight once he was up there

1090

01:00:53,990 --> 01:00:50,870

now those of us who have been privileged

1091

01:00:57,430 --> 01:00:54,000

to have that view

1092

01:01:00,150 --> 01:00:57,440

it is extraordinary

1093

01:01:03,349 --> 01:01:00,160

i can wholeheartedly agree

1094

01:01:05,750 --> 01:01:03,359

what a beautiful view

1095

01:01:07,510 --> 01:01:05,760

alan's flight may have been only 15

1096

01:01:10,549 --> 01:01:07,520

minutes long

1097

01:01:13,589 --> 01:01:10,559

but his impact on nasa the space program

1098

01:01:16,549 --> 01:01:13,599

on america it is enduring

1099

01:01:18,470 --> 01:01:16,559

i remember years ago when i was a young

1100

01:01:20,630 --> 01:01:18,480

congressman

1101

01:01:23,349 --> 01:01:20,640

the speaker of the house tip o'neill

1102

01:01:26,230 --> 01:01:23,359

beckoned me over

1103

01:01:29,190 --> 01:01:26,240

said uh i want to tell you about

1104

01:01:32,789 --> 01:01:29,200

when he was a young congressman down at

1105

01:01:36,069 --> 01:01:32,799

the white house with president kennedy

1106

01:01:38,470 --> 01:01:36,079

and his fellow bostonian he said he had

1107

01:01:39,910 --> 01:01:38,480

never seen him so nervous he was pacing

1108

01:01:43,670 --> 01:01:39,920

back and forth

1109

01:01:46,069 --> 01:01:43,680

like a cat on a hot tin roof and he

1110

01:01:47,670 --> 01:01:46,079

he said to the aides what's wrong with

1111

01:01:50,950 --> 01:01:47,680

the president

1112

01:01:52,870 --> 01:01:50,960

well we were getting ready to launch

1113

01:01:56,470 --> 01:01:52,880

allen into space

1114

01:02:00,549 --> 01:01:56,480

the soviets had beat us into space

1115

01:02:02,789 --> 01:02:00,559

with yuri gargarin into one orbit

1116

01:02:05,270 --> 01:02:02,799

and we had a rocket that didn't have the

1117

01:02:07,670 --> 01:02:05,280

throw weight to even get that mercury

1118

01:02:09,029 --> 01:02:07,680

capsule up

1119

01:02:12,870 --> 01:02:09,039

into orbit

1120

01:02:16,549 --> 01:02:12,880

it was all on the line and the president

1121

01:02:19,510 --> 01:02:16,559

evidenced that pacing back and forth and

1122

01:02:23,589 --> 01:02:19,520

now five decades later

1123

01:02:25,109 --> 01:02:23,599

space isn't nearly as much of a mystery

1124

01:02:27,270 --> 01:02:25,119

satellites

1125

01:02:29,109 --> 01:02:27,280

gps systems

1126

01:02:31,829 --> 01:02:29,119

the hubble

1127

01:02:34,150 --> 01:02:31,839

google earth are things that we all use

1128

01:02:36,309 --> 01:02:34,160

today because we have more advanced

1129

01:02:40,549 --> 01:02:36,319

technology and a deeper understanding of

1130

01:02:44,150 --> 01:02:40,559

our world beyond our planet

1131

01:02:47,029 --> 01:02:44,160

we've learned a lot since alan's flight

1132

01:02:50,069 --> 01:02:47,039

but the magic of space

1133

01:02:53,750 --> 01:02:50,079

is that there's always going to be so

1134

01:02:58,870 --> 01:02:53,760

much more to know and to explore

1135

01:03:01,589 --> 01:02:58,880

so to the family laura julie alice

1136

01:03:03,829 --> 01:03:01,599

your father was a pioneer when he helped

1137

01:03:05,430 --> 01:03:03,839

launch our space program and because of

1138

01:03:08,069 --> 01:03:05,440

his bravery

1139

01:03:10,150 --> 01:03:08,079

and his dedication and his

1140

01:03:13,270 --> 01:03:10,160

paving the way

1141

01:03:14,470 --> 01:03:13,280

we have explored the moon that he walked

1142

01:03:22,549 --> 01:03:14,480

on

1143

01:03:25,349 --> 01:03:22,559

and because of his adventurous spirit

1144

01:03:27,190 --> 01:03:25,359

we continue to send americans into space

1145

01:03:28,630 --> 01:03:27,200

for a better understanding of our

1146

01:03:32,549 --> 01:03:28,640

universe

1147

01:03:34,710 --> 01:03:32,559

and what is our place in this vastness

1148

01:03:37,750 --> 01:03:34,720

of the universe

1149

01:03:40,710 --> 01:03:37,760

and so i'm happy that we are honoring

1150

01:03:43,029 --> 01:03:40,720

alan's flight today and i thank you for

1151

01:03:45,430 --> 01:03:43,039

letting me be a little part of this

1152

01:03:48,230 --> 01:03:45,440

celebration

1153

01:03:50,710 --> 01:03:48,240

and by the way alan

1154

01:04:02,870 --> 01:03:50,720

i know that you today

1155

01:04:07,109 --> 01:04:05,589

humans have gazed at the sky throughout

1156

01:04:10,029 --> 01:04:07,119

their history

1157

01:04:12,390 --> 01:04:10,039

and some of those thoughts were recorded

1158

01:04:15,510 --> 01:04:12,400

2500 years ago

1159

01:04:19,349 --> 01:04:15,520

in ancient athens when greek philosopher

1160

01:04:22,069 --> 01:04:19,359

annex agoras wrote the purpose of life

1161

01:04:23,109 --> 01:04:22,079

is the investigation of the sun

1162

01:04:24,710 --> 01:04:23,119

the moon

1163

01:04:27,109 --> 01:04:24,720

and the heavens

1164

01:04:30,630 --> 01:04:27,119

and i like to think that

1165

01:04:31,750 --> 01:04:30,640

we have built on that and 2500 years

1166

01:04:34,150 --> 01:04:31,760

from now

1167

01:04:35,430 --> 01:04:34,160

we are going to be a whole lot more

1168

01:04:38,150 --> 01:04:35,440

knowledgeable

1169

01:04:40,069 --> 01:04:38,160

and capable out there in space

1170

01:04:41,270 --> 01:04:40,079

thank you all for help making that

1171

01:04:43,349 --> 01:04:41,280

possible

1172

01:04:44,789 --> 01:04:43,359

and thanks for sharing this 50th

1173

01:04:47,190 --> 01:04:44,799

anniversary

1174

01:04:50,870 --> 01:04:47,200

of the first flight