



1
00:01:02,120 --> 00:00:58,940
welcome to this edition of the

2
00:01:04,130 --> 00:01:02,130
astronauts I'm Lynn Bondurant during

3
00:01:06,950 --> 00:01:04,140
this program will see the historic

4
00:01:09,800 --> 00:01:06,960
suborbital flight of the first american

5
00:01:12,350 --> 00:01:09,810
manned space mission the program was

6
00:01:15,350 --> 00:01:12,360
Project Mercury the year was nineteen

7
00:01:18,800 --> 00:01:15,360
sixty one and the astronaut was Alan B

8
00:01:21,410 --> 00:01:18,810
Shepard the heavens have always

9
00:01:24,110 --> 00:01:21,420
presented a challenge to man many

10
00:01:27,050 --> 00:01:24,120
secrets remain locked in space secrets

11
00:01:29,210 --> 00:01:27,060
that have puzzled them for centuries the

12
00:01:32,570 --> 00:01:29,220
search for knowledge about space is

13
00:01:36,170 --> 00:01:32,580

underway Cape Canaveral Florida May 5th

14
00:01:39,800 --> 00:01:36,180
1961 us mercury astronaut Alan B Shepard

15
00:01:43,190 --> 00:01:39,810
enters his base camp very shortly he

16
00:01:45,740 --> 00:01:43,200
will be on his way into States as the

17
00:01:50,060 --> 00:01:45,750
that goes on two big questions come to

18
00:01:54,170 --> 00:01:50,070
your mind is the vehicle ready are you

19
00:01:57,499 --> 00:01:54,180
ready before the flight Sheppard had

20
00:01:59,540 --> 00:01:57,509
this to say I think the one thing that

21
00:02:02,180 --> 00:01:59,550
strikes me as I look back on the

22
00:02:04,900 --> 00:02:02,190
training program is that I have really

23
00:02:07,130 --> 00:02:04,910
developed a feeling of confidence a

24
00:02:10,279 --> 00:02:07,140
confidence in the people with whom I

25
00:02:12,710 --> 00:02:10,289
work a confidence in the systems with

26

00:02:16,280 --> 00:02:12,720

which I am dealing and will have to deal

27

00:02:20,630 --> 00:02:16,290

in Floyd and of course a confident in

28

00:02:23,420 --> 00:02:20,640

myself you're confident but you're human

29

00:02:27,890 --> 00:02:23,430

and you go over the program just one

30

00:02:29,930 --> 00:02:27,900

more time a feeling of confidence it

31

00:02:31,730 --> 00:02:29,940

began to grow from the day you and your

32

00:02:34,820 --> 00:02:31,740

six fellow astronauts were selected from

33

00:02:37,580 --> 00:02:34,830

hundreds of volunteers confidence in the

34

00:02:41,390 --> 00:02:37,590

people of Project Mercury the spacecraft

35

00:02:45,980 --> 00:02:41,400

and the launch vehicle and confidence in

36

00:02:47,780 --> 00:02:45,990

yourself you were involved in the design

37

00:02:50,240 --> 00:02:47,790

of the mercury system almost from the

38

00:02:52,550 --> 00:02:50,250

beginning contributed ideas and

39

00:02:54,890 --> 00:02:52,560

modifications you worked with the

40

00:02:56,839 --> 00:02:54,900

engineers came to know the components

41

00:03:00,830 --> 00:02:56,849

and systems like you know your own car

42

00:03:03,980 --> 00:03:00,840

and you followed the test test after

43

00:03:23,360 --> 00:03:03,990

test after test to make sure the design

44

00:03:27,720 --> 00:03:25,589

while research and development was

45

00:03:38,369 --> 00:03:27,730

underway you went through almost two

46

00:03:39,960 --> 00:03:38,379

years of training you flew mission after

47

00:03:42,089 --> 00:03:39,970

mission in a trainer just like the

48

00:03:43,949 --> 00:03:42,099

craft sitting in today it came

49

00:03:56,789 --> 00:03:43,959

completely familiar with every control

50

00:03:58,580 --> 00:03:56,799

and instrument an academic program

51
00:04:01,050 --> 00:03:58,590
informed to you and the other pilots on

52
00:04:03,960 --> 00:04:01,060
astronautics space mechanics and

53
00:04:07,199 --> 00:04:03,970
spaceflight kept you briefed on all new

54
00:04:08,970 --> 00:04:07,209
developments in the project zero gravity

55
00:04:10,379 --> 00:04:08,980
flights an aircraft acquainted you with

56
00:04:21,880 --> 00:04:10,389
the condition of weightlessness you

57
00:04:27,500 --> 00:04:24,910
you got in a lot of centrifuge time to

58
00:04:30,310 --> 00:04:27,510
today's flight won't submit you to any

59
00:04:33,230 --> 00:04:30,320
g-forces you haven't experienced before

60
00:04:36,020 --> 00:04:33,240
the program simulated every possible

61
00:04:58,580 --> 00:04:36,030
situation you know you're ready to react

62
00:05:03,480 --> 00:05:00,870
you practice controlling the craft

63
00:05:06,360 --> 00:05:03,490

attitude by manual control of pitch roll

64

00:05:09,420 --> 00:05:06,370

and yaw jets that will be part of your

65

00:05:20,970 --> 00:05:09,430

mission today and you're confident that

66

00:05:22,050 --> 00:05:20,980

you can do it you piled up plenty of

67

00:05:25,260 --> 00:05:22,060

experience into three-dimensional

68

00:05:27,930 --> 00:05:25,270

rotation you know that even if tumbling

69

00:05:29,490 --> 00:05:27,940

situations occur after separation you

70

00:05:32,910 --> 00:05:29,500

can bring the craft under control with

71

00:05:34,320 --> 00:05:32,920

your manual control system there were

72

00:05:37,170 --> 00:05:34,330

continuing flights in high-performance

73

00:05:40,530 --> 00:05:37,180

aircraft they were important to you to

74

00:05:46,320 --> 00:05:40,540

your inexperience test pilot flying is

75

00:05:48,210 --> 00:05:46,330

your business in any type of craft you

76
00:05:50,700 --> 00:05:48,220
remember extensive training in escape

77
00:05:52,830 --> 00:05:50,710
and survival techniques there is always

78
00:05:56,370 --> 00:05:52,840
disliked chance the spacecraft mail and

79
00:05:59,340 --> 00:05:56,380
outside the pre-planned area as you sit

80
00:06:01,110 --> 00:05:59,350
in the spacecraft waiting for launch you

81
00:06:03,180 --> 00:06:01,120
know your training has covered every

82
00:06:20,249 --> 00:06:03,190
conceivable eventualities every

83
00:06:25,330 --> 00:06:23,129
as Project Mercury got underway

84
00:06:26,590 --> 00:06:25,340
production of redstone launch vehicles

85
00:06:29,740 --> 00:06:26,600
began at the Marshall Space Flight

86
00:06:31,480 --> 00:06:29,750
Center careful individual production of

87
00:06:33,510 --> 00:06:31,490
vehicles earmarked for mercury from the

88
00:06:36,400 --> 00:06:33,520

day the first bolt came into the plant

89

00:06:50,469 --> 00:06:36,410

the Redstone was available and with

90

00:06:55,429 --> 00:06:53,179

at the mcdonald Aircraft Company plant

91

00:06:58,249 --> 00:06:55,439

at st. Louis just three months after

92

00:07:01,189 --> 00:06:58,259

project inception prototype spacecraft

93

00:07:03,260 --> 00:07:01,199

production was begun a few short months

94

00:07:05,749 --> 00:07:03,270

later production spacecraft were being

95

00:07:07,850 --> 00:07:05,759

completed your trip to the production

96

00:07:09,080 --> 00:07:07,860

points were important you became

97

00:07:11,570 --> 00:07:09,090

thoroughly familiar with the mercury

98

00:07:17,300 --> 00:07:11,580

systems the closure you got to the

99

00:07:19,149 --> 00:07:17,310

system the more confident you became you

100

00:07:22,100 --> 00:07:19,159

followed the flight test program closely

101
00:07:24,469 --> 00:07:22,110
components then systems and prototypes

102
00:07:27,019 --> 00:07:24,479
then production craft a pyramid of

103
00:07:32,480 --> 00:07:27,029
testing a pyramid of tests that would

104
00:07:34,490 --> 00:07:32,490
lead to manned flight you knew that data

105
00:08:14,149 --> 00:07:34,500
and know how was being gathered to

106
00:08:19,740 --> 00:08:17,279
on every flight the recovery forces were

107
00:08:22,080 --> 00:08:19,750
exercised procedures were developed to

108
00:08:23,879 --> 00:08:22,090
locate the craft and retrieve it it

109
00:08:25,830 --> 00:08:23,889
became obvious that the craft would not

110
00:08:30,869 --> 00:08:25,840
be in the water very long after landing

111
00:08:32,610 --> 00:08:30,879
a chimpanzee named ham and to monkey

112
00:08:34,529 --> 00:08:32,620
successfully flown in the spacecraft

113
00:08:48,690 --> 00:08:34,539

indicated the feasibility of manned

114

00:08:50,460 --> 00:08:48,700

flight then all this would be mind and

115

00:08:52,920 --> 00:08:50,470

you knew everything humanly possible

116

00:08:55,740 --> 00:08:52,930

have been done to minimize risk to you

117

00:08:59,460 --> 00:08:55,750

and to the other astronauts it was time

118

00:09:05,750 --> 00:08:59,470

now for manned ballistic flight mercury

119

00:09:07,920 --> 00:09:05,760

redstone 3 at Kate canerro launch pad 5

120

00:09:10,740 --> 00:09:07,930

preparations for the mr three flight

121

00:09:12,900 --> 00:09:10,750

began weeks before launch day you went

122

00:09:14,850 --> 00:09:12,910

out and watched the redstone slowly

123

00:09:17,730 --> 00:09:14,860

carefully raised into place on the

124

00:09:21,600 --> 00:09:17,740

launch pad you knew that you might be

125

00:09:22,860 --> 00:09:21,610

the pilot for about 10 days prior at a

126

00:09:24,870 --> 00:09:22,870

meeting with the spacecraft's the

127

00:09:26,400 --> 00:09:24,880

Redstone underwent exhaustive tests

128

00:09:29,250 --> 00:09:26,410

inspections and simulated launch

129

00:09:31,410 --> 00:09:29,260

operations this vital part of the

130

00:09:33,269 --> 00:09:31,420

mission the launch vehicle must be as

131

00:09:36,360 --> 00:09:33,279

near perfect as man can make it before

132

00:09:37,829 --> 00:09:36,370

the spacecraft is installed you and your

133

00:09:59,820 --> 00:09:37,839

fellow astronauts followed the test

134

00:10:04,630 --> 00:10:02,680

while the redstone was being checked the

135

00:10:06,579 --> 00:10:04,640

spacecraft underwent test procedures at

136

00:10:09,910 --> 00:10:06,589

hangar s several miles from the launch

137

00:10:11,860 --> 00:10:09,920

pad test the electrical systems the

138

00:10:14,820 --> 00:10:11,870

mechanical systems communications

139

00:10:21,430 --> 00:10:14,830

instrumentation DC cultural system

140

00:10:22,990 --> 00:10:21,440

verify Flight Readiness you participated

141

00:10:25,660 --> 00:10:23,000

in many of the tests and checkouts

142

00:10:28,360 --> 00:10:25,670

yourself you had worked closely with the

143

00:10:30,910 --> 00:10:28,370

vehicle for many months if possible

144

00:10:34,240 --> 00:10:30,920

you've got even closer to it during the

145

00:10:36,190 --> 00:10:34,250

days just before lunch you worked with

146

00:10:39,310 --> 00:10:36,200

the mercury engineers and technicians as

147

00:10:41,680 --> 00:10:39,320

they prepared the craft the feeling of

148

00:10:44,710 --> 00:10:41,690

confidence in the mission became even

149

00:10:46,450 --> 00:10:44,720

stronger your fellow astronauts worked

150

00:10:48,579 --> 00:10:46,460

with the same team effort that had

151

00:10:51,370 --> 00:10:48,589

prevailed over the two years of getting

152

00:10:54,640 --> 00:10:51,380

ready you couldn't be everywhere at once

153

00:10:56,160 --> 00:10:54,650

but they could cover for you and as you

154

00:10:58,510 --> 00:10:56,170

sit in the spacecraft you know

155

00:11:01,390 --> 00:10:58,520

everything is as ready as it can

156

00:11:03,610 --> 00:11:01,400

possibly be they covered the control

157

00:11:06,970 --> 00:11:03,620

center the blockhouse the launch vehicle

158

00:11:09,970 --> 00:11:06,980

the tracking stations they kept a finger

159

00:11:11,530 --> 00:11:09,980

on the pulse of the operation the

160

00:11:14,410 --> 00:11:11,540

spacecraft was checked out in a pressure

161

00:11:16,630 --> 00:11:14,420

chamber capable of 120 thousand foot

162

00:11:20,440 --> 00:11:16,640

altitudes to test the environmental

163

00:11:22,750 --> 00:11:20,450

control system and then you were added

164

00:11:24,400 --> 00:11:22,760

to the system you made sure that your

165

00:11:31,530 --> 00:11:24,410

pressure suit and the life-support

166

00:11:36,340 --> 00:11:34,059

you knew that you weren't just going for

167

00:11:38,800 --> 00:11:36,350

the ride you would be required to gather

168

00:11:45,160 --> 00:11:38,810

information make practical contributions

169

00:11:47,860 --> 00:11:45,170

make sure you collected usable data you

170

00:11:49,989 --> 00:11:47,870

remember the final days in hangar s the

171

00:11:52,869 --> 00:11:49,999

retrorocket package being installed and

172

00:11:54,309 --> 00:11:52,879

you know the care the attention to every

173

00:11:57,939 --> 00:11:54,319

detail that went into the final

174

00:12:00,819 --> 00:11:57,949

servicing the escape tower with its

175

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

solid propellant rocket the system which

176

00:12:04,150 --> 00:12:02,839

will pull the spacecraft safely clear of

177

00:12:07,059 --> 00:12:04,160

the launch vehicle before a catastrophic

178

00:12:09,610 --> 00:12:07,069

failure either on the pad before launch

179

00:12:12,489 --> 00:12:09,620

during the launch or while the vehicle

180

00:12:13,660 --> 00:12:12,499

is in powered flight it's a reassuring

181

00:12:16,720 --> 00:12:13,670

thought as you go through your

182

00:12:18,639 --> 00:12:16,730

pre-launch countdown when each

183

00:12:21,309 --> 00:12:18,649

spacecraft system has been thoroughly

184

00:12:23,470 --> 00:12:21,319

checked out a complete simulated launch

185

00:12:25,689 --> 00:12:23,480

and flight operation was run to make

186

00:12:28,989 --> 00:12:25,699

certain all the systems work together as

187

00:12:30,790 --> 00:12:28,999

well as individually and then the

188

00:12:32,949 --> 00:12:30,800

mercury spacecraft was moved to the

189

00:12:37,420 --> 00:12:32,959

launch pad to be made it with its launch

190

00:12:39,809 --> 00:12:37,430

vehicle at the pad the spacecraft was

191

00:12:42,429 --> 00:12:39,819

raised to position on top of the vehicle

192

00:12:46,210 --> 00:12:42,439

now you knew that the final round of

193

00:12:47,949 --> 00:12:46,220

testing was at hand this flight will

194

00:12:50,639 --> 00:12:47,959

provide added qualification for the

195

00:12:54,579 --> 00:12:50,649

spacecraft and its systems in space and

196

00:13:02,290 --> 00:12:54,589

train a pilot for later Atlas boosted

197

00:13:07,160 --> 00:13:05,210

after mating the testing began to make

198

00:13:10,210 --> 00:13:07,170

certain the launch vehicle spacecraft

199

00:13:13,490 --> 00:13:10,220

and block house work together properly

200

00:13:16,160 --> 00:13:13,500

the launch countdown was checked step by

201
00:13:19,150 --> 00:13:16,170
step and the complete mr3 system was

202
00:13:21,439 --> 00:13:19,160
verified to confirm Flight Readiness

203
00:13:24,199 --> 00:13:21,449
complete flight missions from liftoff

204
00:13:25,600 --> 00:13:24,209
through landing both for normal and for

205
00:13:28,670 --> 00:13:25,610
emergency cases were flown

206
00:13:30,199 --> 00:13:28,680
electronically the spacecraft was

207
00:13:35,230 --> 00:13:30,209
heavily instrumented to provide

208
00:13:39,550 --> 00:13:37,850
throughout this period all the elements

209
00:13:42,559 --> 00:13:39,560
of the mission made their preparations

210
00:13:44,300 --> 00:13:42,569
recovery forces tracking stations the

211
00:13:47,030 --> 00:13:44,310
mercury control center rehearse the

212
00:13:48,879 --> 00:13:47,040
mission again and again you and your

213
00:13:51,379 --> 00:13:48,889

fellow astronauts rehearse your parts

214

00:13:56,780 --> 00:13:51,389

went through the procedures over and

215

00:13:58,879 --> 00:13:56,790

over three days before launch a go no-go

216

00:14:00,889 --> 00:13:58,889

review board evaluated the Flight

217

00:14:03,889 --> 00:14:00,899

Readiness of all the mission elements

218

00:14:06,579 --> 00:14:03,899

spacecraft launch vehicle pilots

219

00:14:12,199 --> 00:14:06,589

tracking stations recovery forces

220

00:14:14,119 --> 00:14:12,209

everything the decision though the

221

00:14:22,990 --> 00:14:14,129

recovery forces were dispatched and on

222

00:14:28,430 --> 00:14:26,840

May first nineteen sixty one less than

223

00:14:31,519 --> 00:14:28,440

two and a half years from Project

224

00:14:34,640 --> 00:14:31,529

Mercury initiation countdown for a man

225

00:14:38,840 --> 00:14:34,650

to flight was in progress that's a day

226

00:14:41,030 --> 00:14:38,850

that you will never forget mr 3 followed

227

00:14:42,920 --> 00:14:41,040

a split countdown about four hours the

228

00:14:45,620 --> 00:14:42,930

first day a little over six hours the

229

00:14:50,360 --> 00:14:45,630

second day this procedure helps reduce

230

00:14:52,190 --> 00:14:50,370

personnel fatigue hydrogen peroxide

231

00:14:55,130 --> 00:14:52,200

fueling this is used in a spacecraft

232

00:14:57,200 --> 00:14:55,140

attitude control system the first days

233

00:15:02,269 --> 00:14:57,210

countdown was completed with this

234

00:15:05,769 --> 00:15:02,279

operation very early in the morning May

235

00:15:08,019 --> 00:15:05,779

second the final countdown is underway

236

00:15:10,700 --> 00:15:08,029

liquid oxygen for the launch vehicle

237

00:15:13,220 --> 00:15:10,710

before this operation a meeting had been

238

00:15:17,170 --> 00:15:13,230

held to review the weather situation the

239

00:15:19,940 --> 00:15:17,180

weather was marginal but the decision go

240

00:15:21,680 --> 00:15:19,950

at the mercury control center every

241

00:15:23,630 --> 00:15:21,690

detail of the countdown and status of

242

00:15:25,519 --> 00:15:23,640

all other elements such as the recovery

243

00:15:27,710 --> 00:15:25,529

forces in the tracking station was

244

00:15:29,570 --> 00:15:27,720

carefully monitored the mercury

245

00:15:43,379 --> 00:15:29,580

operations director manages the entire

246

00:15:48,370 --> 00:15:46,300

in the blockhouse systems checks were

247

00:15:50,949 --> 00:15:48,380

completed in the spacecraft launch

248

00:15:52,930 --> 00:15:50,959

vehicle checks were also completed the

249

00:15:55,090 --> 00:15:52,940

recovery forces were on station in a

250

00:15:56,829 --> 00:15:55,100

line along the flight path ready to

251

00:16:01,360 --> 00:15:56,839

retrieve the craft even if there should

252

00:16:03,340 --> 00:16:01,370

be an under shoot or an overshoot you

253

00:16:06,999 --> 00:16:03,350

remember the final physical of hangar s

254

00:16:09,730 --> 00:16:07,009

the feeling that now at last the time

255

00:16:11,699 --> 00:16:09,740

was almost at hand and he remembered a

256

00:16:14,079 --> 00:16:11,709

feeling of confidence that you had

257

00:16:18,309 --> 00:16:14,089

confidence that all systems were ready

258

00:16:19,809 --> 00:16:18,319

and that you were ready to before

259

00:16:22,240 --> 00:16:19,819

leaving the hangar for the launch pad

260

00:16:24,819 --> 00:16:22,250

you had sensor leads attached to your

261

00:16:26,439 --> 00:16:24,829

body these leads would provide tonier

262

00:16:30,129 --> 00:16:26,449

data on your body functions and

263

00:16:31,900 --> 00:16:30,139

reactions during the flight mercury

264

00:16:33,819 --> 00:16:31,910

flights are designed to provide

265

00:16:36,819 --> 00:16:33,829

comprehensive information about man

266

00:16:38,740 --> 00:16:36,829

during spaceflight information that can

267

00:16:42,850 --> 00:16:38,750

be used by people all over the world in

268

00:16:45,129 --> 00:16:42,860

their own research projects and then it

269

00:16:47,079 --> 00:16:45,139

happened you remember the left down

270

00:16:52,000 --> 00:16:47,089

feeling you got when this lockbox gave

271

00:16:55,420 --> 00:16:52,010

the word test number 108 mr3 was

272

00:16:58,720 --> 00:16:55,430

scrubbed because of whether a letdown

273

00:17:00,280 --> 00:16:58,730

feeling yes but it was reassuring to

274

00:17:03,970 --> 00:17:00,290

know that the mission would not go

275

00:17:06,520 --> 00:17:03,980

unless everything was right then it was

276

00:17:09,309 --> 00:17:06,530

Friday made fifth three days later and

277

00:17:11,260 --> 00:17:09,319

the countdown was proceeding again you

278

00:17:13,919 --> 00:17:11,270

remember the feeling you have that this

279

00:17:18,189 --> 00:17:13,929

was the day there'd be no scrub today

280

00:17:22,270 --> 00:17:18,199

the mission would go you remember the

281

00:17:24,850 --> 00:17:22,280

ride to the pad in the transport van you

282

00:17:26,740 --> 00:17:24,860

had rehearsed the procedure before taken

283

00:17:30,580 --> 00:17:26,750

the ride to the pad climbed into the

284

00:18:58,680 --> 00:17:30,590

spacecraft but this time you knew it was

285

00:19:11,040 --> 00:19:09,690

a feeling of confidence his astronaut

286

00:19:13,530 --> 00:19:11,050

Shepard goes through the pre-launch

287

00:19:15,620 --> 00:19:13,540

countdown he knows the system is as

288

00:19:17,910 --> 00:19:15,630

ready as human effort can make it

289

00:19:19,710 --> 00:19:17,920

doctors in the mercury control center

290

00:19:21,090 --> 00:19:19,720

and the blockhouse monitor Shepards

291

00:19:23,490 --> 00:19:21,100

physiological status during the

292

00:19:25,410 --> 00:19:23,500

countdown astronaut Gordon Cooper

293

00:19:27,660 --> 00:19:25,420

assigned to the Bach house during the

294

00:19:29,910 --> 00:19:27,670

launch operation stays in direct voice

295

00:19:31,950 --> 00:19:29,920

contact with Shepherd as the gantry is

296

00:19:34,380 --> 00:19:31,960

pulled back the emergency vehicle known

297

00:19:38,250 --> 00:19:34,390

as the cherry picker is raised into

298

00:19:43,020 --> 00:19:38,260

position an armored car is located at

299

00:19:45,110 --> 00:19:43,030

the pad it can operate in any terrain at

300

00:19:47,910 --> 00:19:45,120

the viewing stands about two miles away

301
00:19:50,130 --> 00:19:47,920
hundreds of press radio and television

302
00:19:53,670 --> 00:19:50,140
representatives stand by to witness the

303
00:19:56,450 --> 00:19:53,680
launch a helicopter stands by to take a

304
00:19:59,130 --> 00:19:56,460
doctor anywhere he might be needed

305
00:20:01,050 --> 00:19:59,140
astronauts carpenter in cheraw take off

306
00:20:06,470 --> 00:20:01,060
to make direct aerial observation of the

307
00:20:12,000 --> 00:20:09,810
an amphibious vehicle is standing by

308
00:20:15,419 --> 00:20:12,010
ready to move out if necessary to make a

309
00:20:18,600 --> 00:20:15,429
closed-end recovery the recovery Force

310
00:20:20,850 --> 00:20:18,610
helicopters are airborne all elements of

311
00:20:31,820 --> 00:20:20,860
the mission have reported ready to the

312
00:20:38,690 --> 00:20:35,630
Roger ready to resume your founder CEO

313
00:20:57,409 --> 00:20:38,700

town over to starting your vote by the

314

00:21:30,470 --> 00:21:06,180

yeah but Elijah first opposed retract it

315

00:21:30,480 --> 00:21:36,340

if top at the caucus turn it

316

00:21:46,870 --> 00:21:43,940

Harriet clear Liam 750 always go one

317

00:21:59,540 --> 00:21:46,880

place sylheti Kevin at 40 psi

318

00:22:05,299 --> 00:21:59,550

auctioneers go heaven only 5.5 Kevin

319

00:22:16,269 --> 00:22:12,009

he always go by 5p Kevin five by five

320

00:22:49,989 --> 00:22:16,279

coccidia count of eight bus is 24 de

321

00:23:02,030 --> 00:22:49,999

Faria oh joy 5.5 Kevin oh oh oh okay oh

322

00:23:02,040 --> 00:23:19,360

I did you man y'all y'all yours okay

323

00:24:12,770 --> 00:23:29,750

ok what a feel for you ever

324

00:24:30,470 --> 00:24:22,490

45 out of paint now green at 21 first

325

00:24:37,450 --> 00:24:30,480

off it out the job is out okay a trophy

326

00:24:46,370 --> 00:24:37,460

boy a bit 70 / 09 here for the day off

327

00:24:50,930 --> 00:24:46,380

okay three bean chili Audrina be creepy

328

00:24:53,510 --> 00:24:50,940

she's going untreated look yet faint

329

00:25:40,409 --> 00:24:53,520

Union good rate at this end ring of our

330

00:25:51,179 --> 00:25:43,200

peggle get really like it still good

331

00:25:58,119 --> 00:25:54,099

mr 3 followed a normal ballistic arc

332

00:26:00,719 --> 00:25:58,129

peaking at about 115 miles altitude the

333

00:26:03,699 --> 00:26:00,729

spacecraft landed 300 miles downrange

334

00:26:06,009 --> 00:26:03,709

the complete flight took 16 minutes in

335

00:26:27,450 --> 00:26:06,019

gave Alan Shepard about five minutes of

336

00:26:32,049 --> 00:26:30,099

just 11 minutes after the spacecraft

337

00:26:35,409 --> 00:26:32,059

landed Shepherd in the craft were on the

338

00:26:38,139 --> 00:26:35,419

lake champlain complete and detailed

339

00:26:39,849 --> 00:26:38,149

information on the flight and on Alan

340

00:26:42,159 --> 00:26:39,859

Shepard was recorded from launch to

341

00:26:43,839 --> 00:26:42,169

recovery information to be made

342

00:26:51,990 --> 00:26:43,849

available to scientists and interested

343

00:26:57,160 --> 00:26:54,730

within minutes after the flight suffered

344

00:26:58,780 --> 00:26:57,170

received a well-done from the president

345

00:27:01,600 --> 00:26:58,790

on behalf of the people of the United

346

00:27:04,150 --> 00:27:01,610

States a well-done accepted by Shepherd

347

00:27:13,540 --> 00:27:04,160

as a representative of all the people in

348

00:27:16,080 --> 00:27:13,550

Project Mercury Project Mercury another

349

00:27:20,410 --> 00:27:16,090

step in man's search for knowledge

350

00:27:23,140 --> 00:27:20,420

freedom 7 another step toward man in

351

00:27:26,200 --> 00:27:23,150

space the flight objectives of the

352

00:27:28,750 --> 00:27:26,210

mission were to learn if man can work in

353

00:27:31,480 --> 00:27:28,760

space and to become familiar with space

354

00:27:34,420 --> 00:27:31,490

flight thanks to the efforts of early

355

00:27:38,260 --> 00:27:34,430

astronauts we confirm that human beings

356

00:27:40,750 --> 00:27:38,270

can work in space in our next show will

357

00:27:43,750 --> 00:27:40,760

learn the story of John Glenn's historic

358

00:27:46,090 --> 00:27:43,760

flight around the earth until then this

359

00:27:47,950 --> 00:27:46,100

is Lynn Bondurant saying goodbye from