



1
00:00:02,400 --> 00:00:21,990
[Music]

2
00:00:25,109 --> 00:00:23,189
gone

3
00:00:27,670 --> 00:00:25,119
cape canaveral florida

4
00:00:30,470 --> 00:00:27,680
a captain aboard a new kind of ship

5
00:00:35,500 --> 00:00:30,480
about to sail on a new kind of ocean

6
00:00:35,510 --> 00:01:02,869
[Music]

7
00:01:06,149 --> 00:01:04,070
face

8
00:01:08,710 --> 00:01:06,159
airless endless

9
00:01:11,429 --> 00:01:08,720
alien to man

10
00:01:15,030 --> 00:01:11,439
but man is going there

11
00:01:17,749 --> 00:01:15,040
january 27 1962

12
00:01:19,830 --> 00:01:17,759
in a little while if all goes well

13
00:01:22,230 --> 00:01:19,840

astronaut john glenn will be rocketed

14

00:01:24,630 --> 00:01:22,240

aloft born into space on the shoulders

15

00:01:27,749 --> 00:01:24,640

of a 20th century atlas

16

00:01:30,310 --> 00:01:27,759

number 109 d

17

00:01:33,109 --> 00:01:30,320

at the base of the giant rocket

18

00:01:34,870 --> 00:01:33,119

and 85 feet above in the green room atop

19

00:01:37,109 --> 00:01:34,880

the gantry

20

00:01:38,870 --> 00:01:37,119

engineers and technicians have been busy

21

00:01:41,190 --> 00:01:38,880

throughout the night

22

00:01:43,749 --> 00:01:41,200

and for many days

23

00:01:46,870 --> 00:01:43,759

and nights and weeks

24

00:01:49,030 --> 00:01:46,880

and months before

25

00:01:50,789 --> 00:01:49,040

it began the day america decided to put

26

00:01:53,510 --> 00:01:50,799

a man into space

27

00:01:56,069 --> 00:01:53,520

created project mercury to get him there

28

00:01:57,990 --> 00:01:56,079

and safely back

29

00:02:00,389 --> 00:01:58,000

project mercury

30

00:02:01,830 --> 00:02:00,399

america's all-ahead

31

00:02:05,910 --> 00:02:01,840

all at once

32

00:02:08,389 --> 00:02:05,920

initial step in manned space exploration

33

00:02:11,590 --> 00:02:08,399

october 1958

34

00:02:16,550 --> 00:02:11,600

project mercury went to work

35

00:02:20,710 --> 00:02:19,030

assembled a team of scientists engineers

36

00:02:23,110 --> 00:02:20,720

and technicians

37

00:02:24,949 --> 00:02:23,120

to manage america's manned space flight

38

00:02:27,030 --> 00:02:24,959

programs

39

00:02:29,830 --> 00:02:27,040

to select and train the men who would be

40

00:02:35,190 --> 00:02:29,840

the free world's first space pilots the

41

00:02:43,430 --> 00:02:36,880

american industry went to work too

42

00:02:49,190 --> 00:02:46,229

in january 1959 mcdonnell aircraft was

43

00:02:51,750 --> 00:02:49,200

chosen to produce the mercury spacecraft

44

00:02:58,710 --> 00:02:51,760

to lift it into orbit project mercury

45

00:03:02,390 --> 00:03:00,869

the task of modifying atlas from a

46

00:03:05,190 --> 00:03:02,400

military missile

47

00:03:06,790 --> 00:03:05,200

to a man-rated orbital launch vehicle

48

00:03:09,350 --> 00:03:06,800

was assigned to general dynamics

49

00:03:11,830 --> 00:03:09,360

astronautics

50

00:03:13,350 --> 00:03:11,840

to the 4 000 mercury contractors and

51
00:03:17,190 --> 00:03:13,360
subcontractors

52
00:03:18,640 --> 00:03:17,200
to all america human life is priceless

53
00:03:20,070 --> 00:03:18,650
nothing was left to chance

54
00:03:22,710 --> 00:03:20,080
[Music]

55
00:03:24,149 --> 00:03:22,720
all systems each tiny component of each

56
00:03:27,270 --> 00:03:24,159
sub-system

57
00:03:28,869 --> 00:03:27,280
every switch every valve would have to

58
00:03:30,630 --> 00:03:28,879
function perfectly

59
00:03:32,309 --> 00:03:30,640
would have to be the very best in

60
00:03:34,309 --> 00:03:32,319
american scientific and engineering

61
00:03:36,390 --> 00:03:34,319
know-how could produce

62
00:03:37,830 --> 00:03:36,400
before the mercury atlas could be

63
00:03:39,350 --> 00:03:37,840

man-rated

64

00:03:42,949 --> 00:03:39,360
before it could carry an american

65

00:03:45,589 --> 00:03:42,959
astronaut safely into space

66

00:03:46,869 --> 00:03:45,599
safety a project mercury byward from the

67

00:03:48,630 --> 00:03:46,879
beginning

68

00:03:48,960 --> 00:03:48,640
the life of a human being would be at

69

00:03:55,589 --> 00:03:48,970
stake

70

00:03:57,990 --> 00:03:55,599
[Music]

71

00:04:00,070 --> 00:03:58,000
a positive escape mechanism an escape

72

00:04:02,309 --> 00:04:00,080
rocket

73

00:04:04,149 --> 00:04:02,319
systems to sustain life in space where

74

00:04:06,390 --> 00:04:04,159
there is no life

75

00:04:08,070 --> 00:04:06,400
to provide oxygen where there is no

76

00:04:11,110 --> 00:04:08,080

oxygen

77

00:04:16,629 --> 00:04:11,120

pressure where there is no pressure

78

00:04:21,749 --> 00:04:19,110

power for the spacecraft with seven

79

00:04:26,070 --> 00:04:21,759

miles of electrical circuits

80

00:04:30,590 --> 00:04:28,310

power for the in-flight control systems

81

00:04:34,550 --> 00:04:30,600

both automatic and manual

82

00:04:38,390 --> 00:04:36,629

power to fire the reverse rockets that

83

00:04:44,790 --> 00:04:38,400

slow the spacecraft and bring it back

84

00:04:48,320 --> 00:04:47,110

a shield against the blazing heat of

85

00:04:55,590 --> 00:04:48,330

reentry friction

86

00:04:59,189 --> 00:04:56,790

astronaut

87

00:05:01,029 --> 00:04:59,199

a new word for a new and demanding

88

00:05:03,270 --> 00:05:01,039

profession

89

00:05:07,130 --> 00:05:03,280

rigorous intensive training in new and

90

00:05:15,430 --> 00:05:12,230

[Music]

91

00:05:18,290 --> 00:05:15,440

high acceleration and reentry g loads in

92

00:05:31,749 --> 00:05:18,300

the human centrifuge

93

00:05:34,390 --> 00:05:31,759

[Music]

94

00:05:40,550 --> 00:05:34,400

then the opposite of g loads

95

00:05:47,029 --> 00:05:42,230

training and manual control of the

96

00:05:49,749 --> 00:05:48,710

practice roll

97

00:05:54,390 --> 00:05:49,759

pitch

98

00:05:58,790 --> 00:05:56,870

survival training every conceivable

99

00:06:03,029 --> 00:05:58,800

situation both normal

100

00:06:09,189 --> 00:06:06,309

astronautics a new science there were

101
00:06:12,790 --> 00:06:09,199
classes for the astronauts in astronomy

102
00:06:14,230 --> 00:06:12,800
meteorology geophysics rocketry

103
00:06:16,070 --> 00:06:14,240
astrophysics

104
00:06:19,350 --> 00:06:16,080
celestial navigation

105
00:06:21,430 --> 00:06:19,360
and there was plenty of homework

106
00:06:23,749 --> 00:06:21,440
there was other work too

107
00:06:26,390 --> 00:06:23,759
the astronauts participated as engineers

108
00:06:27,909 --> 00:06:26,400
in every aspect of the program

109
00:06:29,670 --> 00:06:27,919
each had a special area of

110
00:06:32,390 --> 00:06:29,680
responsibility in the development of

111
00:06:43,060 --> 00:06:32,400
project mercury

112
00:06:43,070 --> 00:06:48,790
[Music]

113
00:06:53,749 --> 00:06:50,950

tests that confirm the operation of

114

00:06:55,189 --> 00:06:53,759

spacecraft and booster systems in actual

115

00:06:57,430 --> 00:06:55,199

flight

116

00:07:01,000 --> 00:06:57,440

and when there were difficulties no one

117

00:07:06,790 --> 00:07:01,010

tried to hide them

118

00:07:10,870 --> 00:07:08,870

then when the tests indicated that

119

00:07:13,430 --> 00:07:10,880

everything was ready

120

00:07:14,830 --> 00:07:13,440

man was added

121

00:07:17,909 --> 00:07:14,840

may 5

122

00:07:24,230 --> 00:07:17,919

1961 astronaut alan b shepard became the

123

00:07:27,990 --> 00:07:26,550

all right

124

00:07:31,909 --> 00:07:28,000

indeed started

125

00:07:33,749 --> 00:07:31,919

free man was on his way into space

126

00:07:35,430 --> 00:07:33,759

first with redstone-powered ballistic

127

00:07:38,150 --> 00:07:35,440

flights downrange

128

00:07:41,029 --> 00:07:38,160

shepard in freedom seven

129

00:07:43,909 --> 00:07:41,039

and on july 25 1961

130

00:07:44,590 --> 00:07:43,919

astronaut virgil gus grissom in liberty

131

00:07:55,189 --> 00:07:44,600

bell seven

132

00:08:01,029 --> 00:07:57,510

these redstone flights paved the way for

133

00:08:03,749 --> 00:08:01,039

the atlas boosted orbital missions

134

00:08:06,710 --> 00:08:03,759

november 29 1961

135

00:08:12,810 --> 00:08:06,720

mercury atlas flight test number five

136

00:08:12,820 --> 00:08:25,430

[Music]

137

00:08:29,990 --> 00:08:27,990

and recovered unharmed

138

00:08:32,709 --> 00:08:30,000

confirming that the mercury spacecraft

139

00:08:35,269 --> 00:08:32,719

could sustain life in orbit

140

00:08:37,269 --> 00:08:35,279

proof provided by telemeter data

141

00:08:59,990 --> 00:08:37,279

collected at mercury tracking stations

142

00:09:20,150 --> 00:09:02,080

uh

143

00:09:22,310 --> 00:09:20,160

[Music]

144

00:09:24,870 --> 00:09:22,320

one hour after enos was recovered

145

00:09:27,590 --> 00:09:24,880

project mercury named astronaut john

146

00:09:29,990 --> 00:09:27,600

glenn to pilot america's first manned

147

00:09:31,670 --> 00:09:30,000

orbital flight

148

00:09:33,030 --> 00:09:31,680

pre-launch preparations had already

149

00:09:35,269 --> 00:09:33,040

begun

150

00:09:37,430 --> 00:09:35,279

lengthy detailed checkouts of the

151
00:09:39,990 --> 00:09:37,440
spacecraft systems

152
00:09:44,630 --> 00:09:40,000
tests of the electrical circuits

153
00:09:47,910 --> 00:09:46,949
the life support system

154
00:09:49,110 --> 00:09:47,920
pressure

155
00:09:50,030 --> 00:09:49,120
oxygen

156
00:09:55,430 --> 00:09:50,040
cooling

157
00:09:59,670 --> 00:09:58,310
outside on launch pad number 14 the

158
00:10:01,509 --> 00:09:59,680
atlas rocket

159
00:10:10,949 --> 00:10:01,519
atlas 109d

160
00:10:15,190 --> 00:10:12,949
launch time drew near

161
00:10:16,940 --> 00:10:15,200
the spacecraft was gently placed atop

162
00:10:28,710 --> 00:10:16,950
the rocket

163
00:10:31,350 --> 00:10:28,720

[Music]

164

00:10:33,590 --> 00:10:31,360

this would be a mission of science

165

00:10:35,750 --> 00:10:33,600

a mission of peace

166

00:10:38,310 --> 00:10:35,760

the name of the spacecraft

167

00:10:41,829 --> 00:10:38,320

friendship seven

168

00:10:44,389 --> 00:10:41,839

days and nights and weeks and months

169

00:10:47,910 --> 00:10:44,399

drew toward a climax

170

00:10:50,310 --> 00:10:47,920

it was january 27 1962 and the countdown

171

00:10:53,360 --> 00:10:50,320

for mercury atlas flight number six with

172

00:10:57,990 --> 00:10:53,370

john glenn at the controls was underway

173

00:11:03,110 --> 00:10:58,000

[Music]

174

00:11:07,350 --> 00:11:05,750

while the world watched and listened

175

00:11:09,430 --> 00:11:07,360

mercury's operation team made the

176

00:11:12,150 --> 00:11:09,440

difficult decision

177

00:11:17,600 --> 00:11:12,160

the flight would not go today because of

178

00:11:17,610 --> 00:11:26,470

[Music]

179

00:11:29,670 --> 00:11:28,470

five hours in the mercury spacecraft and

180

00:11:31,350 --> 00:11:29,680

it was still

181

00:11:33,350 --> 00:11:31,360

no go

182

00:11:37,030 --> 00:11:33,360

but there'd be another day

183

00:11:43,190 --> 00:11:39,829

february 20 1962

184

00:11:45,030 --> 00:11:43,200

a day free men will never forget

185

00:11:47,829 --> 00:11:45,040

2 45 a.m

186

00:11:56,150 --> 00:11:47,839

the countdown was underway again

187

00:12:00,790 --> 00:11:57,590

3 a.m

188

00:12:02,389 --> 00:12:00,800

mercury doctors agreed the astronaut was

189

00:12:04,550 --> 00:12:02,399

go

190

00:12:06,629 --> 00:12:04,560

medical sensors tiny devices to

191

00:12:11,910 --> 00:12:06,639

constantly monitor john glenn's physical

192

00:12:17,430 --> 00:12:13,829

4 30 a.m

193

00:12:19,509 --> 00:12:17,440

the count was t-minus 120 minutes and

194

00:12:21,509 --> 00:12:19,519

holding

195

00:12:24,949 --> 00:12:21,519

john glenn wriggled into his snug

196

00:12:26,550 --> 00:12:24,959

fitting spacesuit

197

00:12:35,180 --> 00:12:26,560

501 am

198

00:13:08,710 --> 00:13:04,300

[Music]

199

00:13:11,269 --> 00:13:08,720

6 a.m the long elevator ride up to the

200

00:13:25,590 --> 00:13:11,279

11th deck of the gantry where friendship

201
00:13:46,150 --> 00:13:28,330
foreign

202
00:14:02,040 --> 00:13:49,000
603 am

203
00:14:02,050 --> 00:14:14,870
[Music]

204
00:14:14,880 --> 00:14:20,740
six 25 a.m the count was resumed

205
00:14:24,389 --> 00:14:22,629
[Music]

206
00:14:26,870 --> 00:14:24,399
from nearby beaches

207
00:14:28,949 --> 00:14:26,880
thousands of visitors watched

208
00:14:30,470 --> 00:14:28,959
and from the press site a mile and a

209
00:14:33,189 --> 00:14:30,480
half from the launch pad

210
00:14:35,030 --> 00:14:33,199
hundreds of newsmen radio and television

211
00:14:37,189 --> 00:14:35,040
representatives broadcasted every

212
00:14:41,110 --> 00:14:37,199
drama-packed moment to the people of

213
00:14:43,670 --> 00:14:41,120

america and to every nation on earth

214

00:14:46,150 --> 00:14:43,680

7 52 am

215

00:14:48,069 --> 00:14:46,160

a broken hatch boat was repaired and the

216

00:14:49,509 --> 00:14:48,079

astronaut was sealed inside the

217

00:14:52,870 --> 00:14:49,519

spacecraft

218

00:14:59,509 --> 00:14:55,990

but alone only physically

219

00:15:01,590 --> 00:14:59,519

8 20 am the gantry was rolled back

220

00:15:03,670 --> 00:15:01,600

leaving mercury atlas flight number six

221

00:15:05,590 --> 00:15:03,680

poised like an arrow aimed at the

222

00:15:07,670 --> 00:15:05,600

heavens

223

00:15:18,870 --> 00:15:07,680

downrange the ships and aircraft of the

224

00:15:23,269 --> 00:15:20,949

8 58 am

225

00:15:25,509 --> 00:15:23,279

a hold was ordered while a broken valve

226
00:15:27,030 --> 00:15:25,519
in the liquid oxygen fueling system was

227
00:15:28,790 --> 00:15:27,040
repaired

228
00:15:31,509 --> 00:15:28,800
in the mercury control center the

229
00:15:35,990 --> 00:15:31,519
minutes ticked away

230
00:15:37,590 --> 00:15:36,000
9 23 am the count was picked up

231
00:15:41,670 --> 00:15:37,600
around the world the mercury tracking

232
00:15:44,949 --> 00:15:41,680
network reported condition green

233
00:15:46,710 --> 00:15:44,959
all mercury stations uh at t minus five

234
00:15:48,389 --> 00:15:46,720
side cone eight

235
00:15:50,470 --> 00:15:48,399
and just status and green light on

236
00:15:53,910 --> 00:15:50,480
replacement

237
00:15:58,949 --> 00:15:53,920
yeah red go ecs go

238
00:16:01,509 --> 00:15:58,959

go electrical go asus go arceus go stop

239

00:16:05,670 --> 00:16:01,519

go cm go cl

240

00:16:07,350 --> 00:16:05,680

go flight go tony go

241

00:16:09,310 --> 00:16:07,360

and the final moments

242

00:16:21,269 --> 00:16:09,320

t minus 30 seconds and counting

243

00:16:21,279 --> 00:16:26,230

you have firing signal

244

00:16:30,550 --> 00:16:29,509

god speed john glenn

245

00:16:33,670 --> 00:16:30,560

ten

246

00:16:47,509 --> 00:16:33,680

nine eight seven

247

00:16:51,910 --> 00:16:49,990

roger the clock is operating we're

248

00:16:59,749 --> 00:16:51,920

underway

249

00:16:59,759 --> 00:17:07,110

roger we're programming and roll okay

250

00:17:12,309 --> 00:17:10,069

little bumpy along about here

251

00:17:13,990 --> 00:17:12,319

roger eating a lot of pleasure roger

252

00:17:15,669 --> 00:17:14,000

coming in to hike you a little bit that

253

00:17:18,120 --> 00:17:15,679

little concrete went by the window or

254

00:17:31,110 --> 00:17:18,130

something there

255

00:17:37,909 --> 00:17:32,870

we're smoothing out some now getting out

256

00:17:42,730 --> 00:17:39,990

right here feels good through max q and

257

00:17:51,669 --> 00:17:42,740

smoothing out real fine

258

00:17:58,630 --> 00:17:54,789

guy looking very dark outside

259

00:18:02,310 --> 00:17:58,640

kevin pressure is holding at 6-1 okay

260

00:18:04,390 --> 00:18:02,320

roger kevin pleasure holding at 6-1

261

00:18:10,070 --> 00:18:04,400

coming up on two minutes

262

00:18:12,870 --> 00:18:10,080

and fuel is 102 101 oxygen 78-102

263

00:18:36,950 --> 00:18:12,880

these are building the six

264

00:19:04,390 --> 00:18:39,790

over

265

00:19:08,789 --> 00:19:06,070

he's starting to build again a little

266

00:19:08,799 --> 00:19:17,510

all

267

00:19:17,520 --> 00:19:22,870

[Music]

268

00:19:29,350 --> 00:19:25,270

all foliage is above two five

269

00:19:32,950 --> 00:19:30,870

all right you're reading your lot in

270

00:19:35,909 --> 00:19:32,960

class seven

271

00:19:46,549 --> 00:19:35,919

we're standing by for you roger gabe is

272

00:19:57,909 --> 00:19:48,630

zico

273

00:20:05,350 --> 00:20:00,310

is turning around

274

00:20:09,270 --> 00:20:07,350

kept tremendous around and i could see

275

00:20:11,190 --> 00:20:09,280

the booster during turn around just a

276
00:20:17,830 --> 00:20:11,200
couple of hundred yards behind me it was

277
00:20:23,750 --> 00:20:20,230
roger understand go for at least seven

278
00:20:27,110 --> 00:20:25,590
astronaut john glenn

279
00:20:30,789 --> 00:20:27,120
is in orbit

280
00:20:32,110 --> 00:20:30,799
100 miles above the atlantic

281
00:20:34,549 --> 00:20:32,120
17

282
00:20:37,750 --> 00:20:34,559
545 miles an hour

283
00:20:40,789 --> 00:20:37,760
five miles a second

284
00:20:41,669 --> 00:20:40,799
22 minutes after liftoff lunchtime in

285
00:20:44,670 --> 00:20:41,679
space

286
00:20:53,590 --> 00:20:44,680
over cano nigeria

287
00:20:53,600 --> 00:20:58,470
across the emerging nations of africa

288
00:20:58,480 --> 00:21:00,830

then

289

00:21:10,470 --> 00:21:03,909

zanzibar and out over the vast indian

290

00:21:29,029 --> 00:21:12,870

53 minutes after liftoff

291

00:21:34,549 --> 00:21:32,070

no symptoms whatsoever i feel fine over

292

00:21:35,909 --> 00:21:34,559

so just to my right i can see a big

293

00:21:38,470 --> 00:21:35,919

pattern of light

294

00:21:40,630 --> 00:21:38,480

apparently right on the coast uh

295

00:21:42,549 --> 00:21:40,640

i can see the outline of a town and a

296

00:21:54,950 --> 00:21:42,559

very bright light just to the south of

297

00:22:07,029 --> 00:21:57,430

the world had turned its lights and its

298

00:22:13,110 --> 00:22:08,789

across the dark pacific and into the

299

00:22:15,669 --> 00:22:13,120

sunrise off the california coast

300

00:22:16,710 --> 00:22:15,679

and just as the as i look back up out

301
00:22:20,149 --> 00:22:16,720
the window

302
00:22:22,070 --> 00:22:20,159
i had uh literally thousands of small

303
00:22:24,230 --> 00:22:22,080
luminous particles

304
00:22:26,870 --> 00:22:24,240
swirling around the capsule and going

305
00:22:28,950 --> 00:22:26,880
away from me at maybe three to five

306
00:22:31,110 --> 00:22:28,960
miles per hour

307
00:22:32,630 --> 00:22:31,120
across the united states in eight

308
00:22:35,190 --> 00:22:32,640
minutes

309
00:22:37,830 --> 00:22:35,200
white sands new mexico corpus christi

310
00:22:40,070 --> 00:22:37,840
texas eglin florida

311
00:22:41,909 --> 00:22:40,080
cape canaveral

312
00:22:43,669 --> 00:22:41,919
the flight continues

313
00:22:52,330 --> 00:22:43,679

orbit number two

314

00:23:35,029 --> 00:23:10,390

[Music]

315

00:23:40,230 --> 00:23:36,950

go for the next orbit

316

00:23:46,270 --> 00:23:43,269

in mercury control a decision

317

00:23:59,900 --> 00:23:46,280

commit the spacecraft to a third orbit

318

00:24:06,870 --> 00:24:01,590

[Music]

319

00:24:11,430 --> 00:24:09,029

i can see the whole state of florida

320

00:24:12,630 --> 00:24:11,440

just laid out like on a map

321

00:24:14,390 --> 00:24:12,640

beautiful

322

00:24:16,070 --> 00:24:14,400

even from this position out here i can

323

00:24:17,750 --> 00:24:16,080

still see clear back to the mississippi

324

00:24:19,909 --> 00:24:17,760

delta

325

00:24:22,710 --> 00:24:19,919

orbit number three out in the atlantic

326

00:24:24,149 --> 00:24:22,720

the recovery forces are ready

327

00:24:26,789 --> 00:24:24,159

the atlantic

328

00:24:30,070 --> 00:24:26,799

columbus crossed it in three months

329

00:24:31,269 --> 00:24:30,080

lindbergh in 33 and a half hours

330

00:24:33,750 --> 00:24:31,279

john glenn

331

00:24:35,590 --> 00:24:33,760

in 14 minutes

332

00:24:37,669 --> 00:24:35,600

for the third time the mercury tracking

333

00:24:39,350 --> 00:24:37,679

network receives complete data from the

334

00:24:41,430 --> 00:24:39,360

spacecraft

335

00:24:43,350 --> 00:24:41,440

data which is instantly transmitted to

336

00:24:44,789 --> 00:24:43,360

the goddard space flight center near

337

00:24:47,350 --> 00:24:44,799

washington

338

00:24:49,590 --> 00:24:47,360

fed into the computers for reduction and

339

00:24:51,830 --> 00:24:49,600

immediate re-transmission to mercury

340

00:24:54,549 --> 00:24:51,840

control at cape canaveral

341

00:24:56,470 --> 00:24:54,559

the entire process requires less than 30

342

00:25:00,549 --> 00:24:56,480

seconds

343

00:25:05,110 --> 00:25:00,559

at cape canaveral the time is 1 43 p.m

344

00:25:07,590 --> 00:25:05,120

at mouche australia it's 1 43 a.m

345

00:25:10,470 --> 00:25:07,600

but no one is asleep

346

00:25:11,830 --> 00:25:10,480

now this is friendship 7 in 45 more

347

00:25:14,630 --> 00:25:11,840

seconds i'd like to have you send a

348

00:25:16,390 --> 00:25:14,640

message for me please over

349

00:25:19,269 --> 00:25:16,400

i want you to send a message to the

350

00:25:21,430 --> 00:25:19,279

director or to the commandant u.s marine

351
00:25:23,350 --> 00:25:21,440
corps in washington

352
00:25:25,750 --> 00:25:23,360
now tell him i have my four hours

353
00:25:27,990 --> 00:25:25,760
required flight time in for the month

354
00:25:29,830 --> 00:25:28,000
and request flight just beat badly for

355
00:25:31,430 --> 00:25:29,840
me over

356
00:25:33,510 --> 00:25:31,440
there

357
00:25:36,870 --> 00:25:33,520
for the third time john glenn sees the

358
00:25:38,390 --> 00:25:36,880
sun rise out of the trackless pacific

359
00:25:40,149 --> 00:25:38,400
then it is time to fire the retro

360
00:25:45,050 --> 00:25:40,159
rockets that will slow the spacecraft

361
00:25:45,060 --> 00:25:54,789
[Music]

362
00:25:59,110 --> 00:25:56,950
are they ever it feels like i'm going

363
00:26:00,789 --> 00:25:59,120

back toward hawaii

364

00:26:02,190 --> 00:26:00,799

the mercury team at cape canaveral

365

00:26:06,789 --> 00:26:02,200

reaches a crucial decision

366

00:26:10,390 --> 00:26:09,350

uh we have decided to re-enter with the

367

00:26:13,269 --> 00:26:10,400

pack on

368

00:26:14,470 --> 00:26:13,279

he will have to crank in the periscope

369

00:26:20,470 --> 00:26:14,480

manually

370

00:26:22,070 --> 00:26:20,480

which should be at a ground elapsed time

371

00:26:23,350 --> 00:26:22,080

of zero four

372

00:26:25,110 --> 00:26:23,360

four three

373

00:26:27,830 --> 00:26:25,120

five three

374

00:26:51,350 --> 00:26:27,840

can you give him that message please

375

00:27:04,630 --> 00:26:54,310

the minutes seem like ours

376

00:27:04,640 --> 00:27:19,110

okay

377

00:27:24,549 --> 00:27:21,269

feeling pretty well my condition is good

378

00:27:26,630 --> 00:27:24,559

but that was a real fireball boy

379

00:27:30,350 --> 00:27:26,640

i had great chunks of that retro pack

380

00:27:35,669 --> 00:27:33,190

uh within one mile of the upright

381

00:27:38,630 --> 00:27:35,679

victoria recovery weather is very good

382

00:27:41,110 --> 00:27:38,640

over roger understand princess seven uh

383

00:27:43,830 --> 00:27:41,120

going to drove early at the rocky

384

00:27:45,590 --> 00:27:43,840

side stroke came out

385

00:28:00,310 --> 00:27:45,600

throw give out

386

00:28:00,320 --> 00:28:14,950

roger

387

00:28:19,590 --> 00:28:17,190

shoot it out in reach condition at ten

388

00:28:21,269 --> 00:28:19,600

thousand eight hundred feet in beautiful

389

00:28:29,430 --> 00:28:21,279

shoot

390

00:28:31,669 --> 00:28:29,440

good

391

00:28:33,110 --> 00:28:31,679

rate of descent has gone to about 42

392

00:28:37,750 --> 00:28:33,120

feet per second

393

00:28:46,470 --> 00:28:39,269

the friendships have been standing by

394

00:28:50,549 --> 00:28:49,269

john glenn had kept as columbus and

395

00:28:51,990 --> 00:28:50,559

magellan

396

00:28:54,149 --> 00:28:52,000

sir francis drake and the wright

397

00:28:56,950 --> 00:28:54,159

brothers kept before him

398

00:29:00,149 --> 00:28:56,960

a rendezvous in time and history

399

00:29:03,269 --> 00:29:00,159

and the forward march of man

400

00:29:05,669 --> 00:29:03,279

after four hours and 56 minutes in space

401
00:29:14,789 --> 00:29:05,679
john glenn and friendship seven returned

402
00:29:19,669 --> 00:29:17,269
four hours and 56 minutes in space as

403
00:29:21,430 --> 00:29:19,679
the representative of all the members of

404
00:29:23,350 --> 00:29:21,440
the mercury team

405
00:29:25,510 --> 00:29:23,360
all the people of america

406
00:29:28,389 --> 00:29:25,520
and all men who treasure freedom

407
00:29:32,470 --> 00:29:30,389
the voyage of friendship seven marks

408
00:29:34,230 --> 00:29:32,480
only the end of the beginning of free