



1
00:00:05,110 --> 00:00:03,270
good afternoon everyone welcome and

2
00:00:07,030 --> 00:00:05,120
thank you all for coming i'm cheryl

3
00:00:09,350 --> 00:00:07,040
hurst director of education and external

4
00:00:10,709 --> 00:00:09,360
relations here at ksc and it's my

5
00:00:12,629 --> 00:00:10,719
pleasure to serve as your master's

6
00:00:14,390 --> 00:00:12,639
ceremonies this afternoon

7
00:00:16,470 --> 00:00:14,400
on behalf of everyone here at the space

8
00:00:18,630 --> 00:00:16,480
center and all of nasa i'm pleased you

9
00:00:19,990 --> 00:00:18,640
all could join us we're very excited to

10
00:00:21,189 --> 00:00:20,000
share our wonderful facility with you

11
00:00:22,950 --> 00:00:21,199
and to be hosting this special

12
00:00:24,630 --> 00:00:22,960
commemoration

13
00:00:26,070 --> 00:00:24,640

we will begin the presentation of cup

14

00:00:28,550 --> 00:00:26,080

with a presentation of colors by the

15

00:00:31,029 --> 00:00:28,560

united states air force 45th space wing

16

00:00:32,549 --> 00:00:31,039

honor guard from patrick air force base

17

00:00:35,030 --> 00:00:32,559

and the singing of the national anthem

18

00:01:36,710 --> 00:00:35,040

by tech sergeant ultra meis meyers

19

00:01:56,709 --> 00:01:51,350

oh

20

00:02:03,149 --> 00:02:01,990

by the dawn's early light

21

00:02:06,870 --> 00:02:03,159

what so

22

00:02:11,350 --> 00:02:06,880

proudly we have

23

00:02:16,790 --> 00:02:11,360

at the twilight's last gleaming

24

00:02:18,030 --> 00:02:16,800

whose broad stripes and bright stars

25

00:02:22,309 --> 00:02:18,040

through the

26

00:02:25,030 --> 00:02:23,150

the

27

00:02:27,030 --> 00:02:25,040

ramparts we

28

00:02:31,430 --> 00:02:27,040

watched

29

00:02:35,350 --> 00:02:31,440

were so gallantly streaming

30

00:02:40,869 --> 00:02:37,589

the glasses bursting

31

00:02:45,350 --> 00:02:42,390

gave proof

32

00:03:03,589 --> 00:02:45,360

through the night

33

00:03:03,599 --> 00:03:07,110

of the free

34

00:03:12,149 --> 00:03:08,190

and the

35

00:03:39,270 --> 00:03:12,159

home of the

36

00:03:42,789 --> 00:03:41,190

thank you to the 45th space wing honor

37

00:03:45,110 --> 00:03:42,799

guard for that stirring introduction you

38

00:03:46,710 --> 00:03:45,120

may please be seated

39

00:03:48,309 --> 00:03:46,720

before i introduce our first speaker i

40

00:03:50,229 --> 00:03:48,319

want to recognize an honored guest that

41

00:03:52,390 --> 00:03:50,239

we have in the audience with us

42

00:03:54,869 --> 00:03:52,400

mr patrick gavin representing senator

43

00:03:57,110 --> 00:03:54,879

posey's office

44

00:03:58,470 --> 00:03:57,120

and zach sempela the senior constituent

45

00:04:00,710 --> 00:03:58,480

services representative for senator

46

00:04:05,509 --> 00:04:00,720

rubio

47

00:04:08,869 --> 00:04:07,270

our first speaker this afternoon is the

48

00:04:10,869 --> 00:04:08,879

director of the john f kennedy space

49

00:04:12,149 --> 00:04:10,879

center and space shuttle astronaut mr

50

00:04:14,070 --> 00:04:12,159

bob cabana

51
00:04:16,069 --> 00:04:14,080
mr cabana has flown four space shuttle

52
00:04:18,390 --> 00:04:16,079
missions two as pilot and two as

53
00:04:20,150 --> 00:04:18,400
commander including including serving as

54
00:04:21,830 --> 00:04:20,160
commander of the endeavor on the first

55
00:04:24,070 --> 00:04:21,840
space station assembly mission in

56
00:04:25,590 --> 00:04:24,080
december of 1998.

57
00:04:27,110 --> 00:04:25,600
bob is a member of the astronaut hall of

58
00:04:28,950 --> 00:04:27,120
fame and the man who served our country

59
00:04:30,790 --> 00:04:28,960
with distinction as a colonel in the

60
00:04:32,390 --> 00:04:30,800
united states marine corps

61
00:04:33,909 --> 00:04:32,400
please join me in welcoming the 10th

62
00:04:41,350 --> 00:04:33,919
director of the john f kennedy space

63
00:04:44,710 --> 00:04:43,110

thanks cheryl uh good afternoon and

64

00:04:47,430 --> 00:04:44,720

welcome to the kennedy space center i

65

00:04:49,909 --> 00:04:47,440

can't think of a a more appropriate and

66

00:04:51,909 --> 00:04:49,919

fitting place to have this uh unveiling

67

00:04:53,590 --> 00:04:51,919

and dedication today

68

00:04:55,909 --> 00:04:53,600

human space flight has come a long way

69

00:04:57,110 --> 00:04:55,919

since our uh our first flight 50 years

70

00:04:59,430 --> 00:04:57,120

ago

71

00:05:02,629 --> 00:04:59,440

as we prepare to take the next step in

72

00:05:05,270 --> 00:05:02,639

human exploration beyond our home planet

73

00:05:07,189 --> 00:05:05,280

it's only fitting that we honor those

74

00:05:08,710 --> 00:05:07,199

who pave the way for us with project

75

00:05:10,469 --> 00:05:08,720

mercury

76

00:05:12,390 --> 00:05:10,479
in 1959

77

00:05:14,390 --> 00:05:12,400
the newly formed national aeronautics

78

00:05:18,070 --> 00:05:14,400
and space administration

79

00:05:19,990 --> 00:05:18,080
invited 110 of america's top test pilots

80

00:05:21,270 --> 00:05:20,000
to volunteer for the manned space flight

81

00:05:22,950 --> 00:05:21,280
program

82

00:05:25,110 --> 00:05:22,960
to his dismay

83

00:05:27,270 --> 00:05:25,120
alan shepard who read about the nasa

84

00:05:29,110 --> 00:05:27,280
invitations in the newspaper

85

00:05:31,510 --> 00:05:29,120
couldn't understand why he didn't

86

00:05:34,070 --> 00:05:31,520
receive an invitation

87

00:05:35,909 --> 00:05:34,080
as it turns out he was meant to

88

00:05:38,790 --> 00:05:35,919

but it was misplaced

89

00:05:43,270 --> 00:05:38,800

by the admiral staff after a timely

90

00:05:46,950 --> 00:05:44,950

as we all know

91

00:05:49,350 --> 00:05:46,960

shepard ended up among the seven pilots

92

00:05:50,870 --> 00:05:49,360

chosen for project mercury

93

00:05:54,629 --> 00:05:50,880

those became

94

00:05:57,510 --> 00:05:54,639

the first explorers known as astronauts

95

00:05:59,830 --> 00:05:57,520

on may 5th 1961

96

00:06:02,710 --> 00:05:59,840

shepard spent a little over 15 minutes

97

00:06:04,870 --> 00:06:02,720

in freedom 7 traveled more than 5 000

98

00:06:07,670 --> 00:06:04,880

miles per hour and reached an altitude

99

00:06:10,710 --> 00:06:07,680

of 116 miles above the earth

100

00:06:12,710 --> 00:06:10,720

all in a six by six foot capsule

101
00:06:14,870 --> 00:06:12,720
this was the first time that a human had

102
00:06:16,629 --> 00:06:14,880
maneuvered a space vehicle

103
00:06:18,309 --> 00:06:16,639
and it was watched by millions of people

104
00:06:22,230 --> 00:06:18,319
around the world

105
00:06:24,390 --> 00:06:22,240
between 1961 and 1963

106
00:06:26,710 --> 00:06:24,400
nasa made history with a total of six

107
00:06:29,189 --> 00:06:26,720
piloted missions that accomplished their

108
00:06:30,550 --> 00:06:29,199
goals of orbiting a crude spacecraft

109
00:06:32,309 --> 00:06:30,560
around the earth

110
00:06:34,950 --> 00:06:32,319
investigating a human's ability to

111
00:06:38,309 --> 00:06:34,960
function in space and recovering both

112
00:06:40,629 --> 00:06:38,319
astronaut and spacecraft safely

113
00:06:43,830 --> 00:06:40,639

to date every crewed mission has

114

00:06:45,510 --> 00:06:43,840

launched from nasa by nasa has launched

115

00:06:48,550 --> 00:06:45,520

here from the cape

116

00:06:51,110 --> 00:06:48,560

and with a cutting edge 21st century

117

00:06:53,110 --> 00:06:51,120

launch complex we plan to keep it that

118

00:06:54,710 --> 00:06:53,120

way

119

00:06:57,270 --> 00:06:54,720

our launch services program at the

120

00:06:59,510 --> 00:06:57,280

kennedy space center serves as a bridge

121

00:07:02,070 --> 00:06:59,520

from earth to space

122

00:07:04,629 --> 00:07:02,080

for the nasa and non-nasa sponsored

123

00:07:06,950 --> 00:07:04,639

science exploration and technology

124

00:07:09,029 --> 00:07:06,960

demonstration missions

125

00:07:11,110 --> 00:07:09,039

these missions as described by our

126
00:07:13,749 --> 00:07:11,120
administrator charlie bolden

127
00:07:16,550 --> 00:07:13,759
enable us to explore new worlds develop

128
00:07:19,029 --> 00:07:16,560
more innovative technologies foster new

129
00:07:21,430 --> 00:07:19,039
industries increase our understanding of

130
00:07:22,790 --> 00:07:21,440
the earth expand our presence in the

131
00:07:24,550 --> 00:07:22,800
solar system

132
00:07:26,790 --> 00:07:24,560
and inspire the next generation of

133
00:07:30,390 --> 00:07:26,800
explorers

134
00:07:32,469 --> 00:07:30,400
the messenger spacecraft currently or

135
00:07:34,309 --> 00:07:32,479
orbiting mercury for the first time is

136
00:07:37,510 --> 00:07:34,319
doing just that

137
00:07:40,710 --> 00:07:37,520
messenger stands for mercury surface

138
00:07:43,270 --> 00:07:40,720

space environment geochemistry and

139

00:07:45,110 --> 00:07:43,280

ranging and it was launched nearly seven

140

00:07:47,589 --> 00:07:45,120

years ago

141

00:07:50,070 --> 00:07:47,599

messenger just entered mercury's orbit

142

00:07:52,629 --> 00:07:50,080

on march 17th of this year

143

00:07:54,469 --> 00:07:52,639

and during its one-year primary mission

144

00:07:57,029 --> 00:07:54,479

the probe is scheduled to acquire more

145

00:07:59,350 --> 00:07:57,039

than seventy five thousand images

146

00:08:02,230 --> 00:07:59,360

unraveling the history and evolution of

147

00:08:05,189 --> 00:08:02,240

the solar system's innermost planet

148

00:08:08,710 --> 00:08:05,199

today the united states postal service

149

00:08:09,670 --> 00:08:08,720

honors nasa by immortalizing the program

150

00:08:11,909 --> 00:08:09,680

project

151
00:08:15,510 --> 00:08:11,919
program mercury and the messenger

152
00:08:18,469 --> 00:08:15,520
spacecraft in stamp form

153
00:08:21,189 --> 00:08:18,479
as two historic events that frame a

154
00:08:23,189 --> 00:08:21,199
remarkable 50-year period of discovery

155
00:08:24,550 --> 00:08:23,199
and exploration

156
00:08:26,629 --> 00:08:24,560
i don't know about you but i look

157
00:08:29,510 --> 00:08:26,639
forward to the next 50 years in what

158
00:08:31,350 --> 00:08:29,520
space exploration is going to bring

159
00:08:34,070 --> 00:08:31,360
i want to thank the united states postal

160
00:08:36,149 --> 00:08:34,080
service for recognizing the amazing

161
00:08:38,469 --> 00:08:36,159
feats accomplished by the men and women

162
00:08:40,230 --> 00:08:38,479
who have made nasa what it is today and

163
00:08:46,550 --> 00:08:40,240

i want to thank all of you for coming

164

00:08:49,829 --> 00:08:47,910

thank you bob

165

00:08:51,829 --> 00:08:49,839

i'm now pleased to introduce mr steve

166

00:08:54,470 --> 00:08:51,839

massey our dedicating official from the

167

00:08:56,870 --> 00:08:54,480

united states postal service like many

168

00:08:58,790 --> 00:08:56,880

of us here today mr massey also has

169

00:09:00,870 --> 00:08:58,800

extensive experience in the aerospace

170

00:09:03,110 --> 00:09:00,880

industry before joining the postal

171

00:09:05,430 --> 00:09:03,120

service two years ago mr massey worked

172

00:09:07,590 --> 00:09:05,440

for nearly 20 years in finance with

173

00:09:09,350 --> 00:09:07,600

bae systems a british aerospace and

174

00:09:11,350 --> 00:09:09,360

defense company

175

00:09:12,870 --> 00:09:11,360

today mr massey joins us as vice

176

00:09:15,190 --> 00:09:12,880

president finance and planning for the

177

00:09:24,630 --> 00:09:15,200

u.s postal service ladies and gentlemen

178

00:09:29,110 --> 00:09:26,710

thank you cheryl

179

00:09:31,350 --> 00:09:29,120

good afternoon everyone

180

00:09:33,670 --> 00:09:31,360

it's a great honor for me to be here

181

00:09:36,949 --> 00:09:33,680

today to celebrate the dedication of our

182

00:09:39,750 --> 00:09:36,959

two newest commemorative forever stamps

183

00:09:42,550 --> 00:09:39,760

through our stamp program the u.s postal

184

00:09:45,269 --> 00:09:42,560

service has the privilege of celebrating

185

00:09:47,350 --> 00:09:45,279

some of the wonders achievements and

186

00:09:49,030 --> 00:09:47,360

people that have helped to make our

187

00:09:51,509 --> 00:09:49,040

nation great

188

00:09:55,030 --> 00:09:51,519

today we honor two of those achievements

189

00:09:58,550 --> 00:09:55,040

first the 50th anniversary of astronaut

190

00:10:00,870 --> 00:09:58,560

alan shepard's historic flight america's

191

00:10:03,910 --> 00:10:00,880

first manned space flight

192

00:10:06,150 --> 00:10:03,920

and second the recent unmanned messenger

193

00:10:08,470 --> 00:10:06,160

mission to investigate the planet

194

00:10:11,590 --> 00:10:08,480

mercury

195

00:10:14,150 --> 00:10:11,600

50 years ago tomorrow

196

00:10:16,150 --> 00:10:14,160

alan shepard blasted off

197

00:10:18,470 --> 00:10:16,160

as people around the world watched

198

00:10:21,030 --> 00:10:18,480

anxiously on television

199

00:10:22,949 --> 00:10:21,040

shepard's flight reached a maximum speed

200

00:10:23,910 --> 00:10:22,959

of roughly eight times the speed of

201
00:10:26,870 --> 00:10:23,920
sound

202
00:10:28,949 --> 00:10:26,880
and it reached a maximum height of 116

203
00:10:30,949 --> 00:10:28,959
miles above the earth

204
00:10:32,550 --> 00:10:30,959
as we all know that flight was very

205
00:10:34,870 --> 00:10:32,560
widely acclaimed

206
00:10:37,910 --> 00:10:34,880
according to the new york times at the

207
00:10:40,230 --> 00:10:37,920
time that 15-minute flight roused the

208
00:10:44,069 --> 00:10:40,240
country to one of its highest peaks of

209
00:10:46,389 --> 00:10:44,079
exaltation since the end of world war ii

210
00:10:49,350 --> 00:10:46,399
and because of that flight president

211
00:10:51,670 --> 00:10:49,360
kennedy declared that america

212
00:10:54,710 --> 00:10:51,680
should commit itself to achieving the

213
00:10:58,150 --> 00:10:54,720

goal of landing a man on the moon and

214

00:11:00,230 --> 00:10:58,160

returning him safely to earth

215

00:11:03,590 --> 00:11:00,240

president kennedy surf noticed to the

216

00:11:06,550 --> 00:11:03,600

world that a daring and ambitious race

217

00:11:11,350 --> 00:11:08,710

the mercury project

218

00:11:15,750 --> 00:11:11,360

set the u.s on a path that led to our

219

00:11:18,630 --> 00:11:15,760

stunning first moon landing in 1969

220

00:11:21,110 --> 00:11:18,640

the crowning technological achievement

221

00:11:23,509 --> 00:11:21,120

of the 20th century

222

00:11:26,949 --> 00:11:23,519

alan shepard would go to the moon

223

00:11:29,750 --> 00:11:26,959

himself with apollo 14 just two years

224

00:11:32,389 --> 00:11:29,760

later and who can forget that wonderful

225

00:11:34,790 --> 00:11:32,399

golf shot that he hit out there on the

226

00:11:37,430 --> 00:11:34,800

moon and went for miles and miles and

227

00:11:39,190 --> 00:11:37,440

miles as they say

228

00:11:41,350 --> 00:11:39,200

and also did you know that the post

229

00:11:44,389 --> 00:11:41,360

office and alert shep and alan shepard's

230

00:11:46,790 --> 00:11:44,399

birthplace derry new hampshire was named

231

00:11:49,509 --> 00:11:46,800

by an act of congress the allen b

232

00:11:51,590 --> 00:11:49,519

shepherd post office building that too

233

00:11:53,190 --> 00:11:51,600

is quite an achievement

234

00:11:56,230 --> 00:11:53,200

there is also a connection between the

235

00:11:58,949 --> 00:11:56,240

postal service and the mercury project

236

00:12:01,350 --> 00:11:58,959

long ago courageous men ventured out

237

00:12:03,829 --> 00:12:01,360

alone like alan shepard

238

00:12:06,230 --> 00:12:03,839

into a bold new frontier

239

00:12:07,190 --> 00:12:06,240

a hundred years before shepard's space

240

00:12:09,590 --> 00:12:07,200

shot

241

00:12:12,150 --> 00:12:09,600

these men of the pony express carried

242

00:12:15,430 --> 00:12:12,160

saddlebags of mail connecting the great

243

00:12:19,190 --> 00:12:15,440

hopes and the proud spirit of our nation

244

00:12:25,509 --> 00:12:21,829

and so we come to messenger another

245

00:12:28,870 --> 00:12:25,519

major milestone in space exploration

246

00:12:31,350 --> 00:12:28,880

it was first launched in august 2004 to

247

00:12:33,910 --> 00:12:31,360

investigate the planet mercury

248

00:12:35,269 --> 00:12:33,920

and successfully entered orbit in march

249

00:12:37,269 --> 00:12:35,279

of this year

250

00:12:40,629 --> 00:12:37,279

the first images that have come back

251
00:12:42,790 --> 00:12:40,639
from messenger to earth are spectacular

252
00:12:45,030 --> 00:12:42,800
and as mr cabana has pointed out our

253
00:12:46,870 --> 00:12:45,040
study of this valuable information is

254
00:12:49,190 --> 00:12:46,880
only just beginning

255
00:12:52,150 --> 00:12:49,200
we may learn how the planet took shape

256
00:12:54,710 --> 00:12:52,160
and possibly find clues to the origin of

257
00:12:56,150 --> 00:12:54,720
our solar system

258
00:12:59,110 --> 00:12:56,160
it's not easy to capture the

259
00:13:00,629 --> 00:12:59,120
significance of these achievements on

260
00:13:02,389 --> 00:13:00,639
two stamps

261
00:13:04,389 --> 00:13:02,399
but as you will see the outstanding

262
00:13:08,230 --> 00:13:04,399
artwork of illustrator

263
00:13:10,230 --> 00:13:08,240

donato giancola of brooklyn new york

264

00:13:12,310 --> 00:13:10,240

under the direction of phil jordan of

265

00:13:15,030 --> 00:13:12,320

falls church virginia has done a

266

00:13:17,910 --> 00:13:15,040

wonderful job

267

00:13:20,629 --> 00:13:17,920

based on nasa photographs and images the

268

00:13:23,910 --> 00:13:20,639

stamps depict the brave pioneering

269

00:13:25,829 --> 00:13:23,920

spirit of america's first man in space

270

00:13:29,350 --> 00:13:25,839

and the fascinating mission to

271

00:13:31,829 --> 00:13:29,360

investigate the planet mercury

272

00:13:34,629 --> 00:13:31,839

so now on behalf of our nation and the

273

00:13:37,269 --> 00:13:34,639

united states postal service i'd like to

274

00:13:38,629 --> 00:13:37,279

ask today's participants to join me as

275

00:13:40,629 --> 00:13:38,639

we dedicate

276

00:13:42,710 --> 00:13:40,639

our project mercury

277

00:14:09,670 --> 00:13:42,720

and messenger mission commemorative

278

00:14:13,030 --> 00:14:11,670

thank you steve

279

00:14:14,870 --> 00:14:13,040

now that we've had the honor to witness

280

00:14:16,629 --> 00:14:14,880

the unveiling of these special stamps it

281

00:14:17,910 --> 00:14:16,639

is indeed my privilege to introduce our

282

00:14:19,750 --> 00:14:17,920

next speaker

283

00:14:22,310 --> 00:14:19,760

as a navy pilot scott carpenter flew

284

00:14:23,990 --> 00:14:22,320

missions for the u.s navy

285

00:14:24,949 --> 00:14:24,000

during the korean war and was a test

286

00:14:26,949 --> 00:14:24,959

pilot

287

00:14:29,829 --> 00:14:26,959

at the national naval air test center

288

00:14:32,230 --> 00:14:29,839

and and a naval air intelligence officer

289

00:14:34,230 --> 00:14:32,240

proving he indeed had the right stuff

290

00:14:35,750 --> 00:14:34,240

mr carpenter was selected as one of the

291

00:14:37,990 --> 00:14:35,760

original seven mercury project

292

00:14:39,509 --> 00:14:38,000

astronauts in 1959.

293

00:14:41,590 --> 00:14:39,519

he served as a backup pilot during

294

00:14:44,949 --> 00:14:41,600

preparation for america's first manned

295

00:14:47,189 --> 00:14:44,959

orbital space flight and in 1962 he flew

296

00:14:48,790 --> 00:14:47,199

the second manned orbital flight

297

00:15:04,949 --> 00:14:48,800

ladies and gentlemen please welcome our

298

00:15:10,310 --> 00:15:07,110

thank you ladies and gentlemen good

299

00:15:14,150 --> 00:15:10,320

afternoon thank you for coming

300

00:15:18,870 --> 00:15:14,160

today we celebrate the 50th anniversary

301
00:15:21,829 --> 00:15:18,880
of many many important issues

302
00:15:25,430 --> 00:15:21,839
among them is the

303
00:15:29,910 --> 00:15:25,440
the first steps from the home planet

304
00:15:31,189 --> 00:15:29,920
that were taken by the family of man

305
00:15:33,430 --> 00:15:31,199
that was

306
00:15:36,389 --> 00:15:33,440
signified by

307
00:15:39,030 --> 00:15:36,399
first unfortunately and

308
00:15:41,509 --> 00:15:39,040
al shepard didn't like this much but by

309
00:15:43,350 --> 00:15:41,519
the the soviet

310
00:15:44,230 --> 00:15:43,360
the soviet flight

311
00:15:47,749 --> 00:15:44,240
of

312
00:15:49,670 --> 00:15:47,759
eureka garen but shortly after that

313
00:15:52,069 --> 00:15:49,680

alan shepard

314

00:15:53,430 --> 00:15:52,079

joined the battle for the united states

315

00:15:57,110 --> 00:15:53,440

with our

316

00:16:03,430 --> 00:16:00,629

comrades in the soviet union and

317

00:16:04,470 --> 00:16:03,440

and the battle was joined partly because

318

00:16:10,069 --> 00:16:04,480

of

319

00:16:11,910 --> 00:16:10,079

in

320

00:16:15,749 --> 00:16:11,920

freedom seven

321

00:16:18,230 --> 00:16:15,759

and also because of the

322

00:16:19,189 --> 00:16:18,240

of the charisma

323

00:16:20,310 --> 00:16:19,199

and

324

00:16:22,870 --> 00:16:20,320

vision

325

00:16:26,790 --> 00:16:22,880

and camelot that

326

00:16:31,110 --> 00:16:30,150

he uh announced that we should go to the

327

00:16:33,189 --> 00:16:31,120

moon

328

00:16:35,030 --> 00:16:33,199

and that was largely

329

00:16:39,269 --> 00:16:35,040

a responsible

330

00:16:40,310 --> 00:16:39,279

response to alan's success

331

00:16:41,350 --> 00:16:40,320

aided

332

00:16:43,509 --> 00:16:41,360

by

333

00:16:48,069 --> 00:16:43,519

the uh

334

00:16:50,470 --> 00:16:48,079

the blinding genius of werner von braun

335

00:16:53,829 --> 00:16:50,480

who showed us how to do

336

00:16:56,389 --> 00:16:53,839

what the president said we should do

337

00:17:00,470 --> 00:16:56,399

we finally went to the moon

338

00:17:02,949 --> 00:17:00,480

but that was because of what was started

339

00:17:08,630 --> 00:17:02,959

by alan b shepard

340

00:17:11,990 --> 00:17:09,750

that

341

00:17:16,069 --> 00:17:12,000

event is what we

342

00:17:20,230 --> 00:17:16,079

what we celebrate here today

343

00:17:22,949 --> 00:17:20,240

and i am so pleased to

344

00:17:26,789 --> 00:17:22,959

notice that the united states

345

00:17:30,870 --> 00:17:26,799

postal service has chosen to honor

346

00:17:32,549 --> 00:17:30,880

mercury and alan shepard with the stamp

347

00:17:34,150 --> 00:17:32,559

it is

348

00:17:36,310 --> 00:17:34,160

i think

349

00:17:39,909 --> 00:17:36,320

appropriate to mention

350

00:17:41,510 --> 00:17:39,919

another item about this stamp

351
00:17:48,070 --> 00:17:41,520
in the

352
00:17:50,150 --> 00:17:48,080
postal service and in viewing the the

353
00:17:52,470 --> 00:17:50,160
custom of today

354
00:17:57,190 --> 00:17:52,480
a decision was made

355
00:18:04,470 --> 00:17:57,200
not to put 44 cents on al stamp

356
00:18:08,549 --> 00:18:07,110
that's appropriate to the stamp but it

357
00:18:11,270 --> 00:18:08,559
is also

358
00:18:12,950 --> 00:18:11,280
appropriate to the time

359
00:18:14,390 --> 00:18:12,960
we should honor

360
00:18:17,669 --> 00:18:14,400
and remember

361
00:18:25,990 --> 00:18:17,679
alan b shepherd and freedom 7.

362
00:18:30,150 --> 00:18:28,630
mr carpenter thank you so much

363
00:18:34,390 --> 00:18:30,160

what an incredible honor to have him

364

00:18:39,029 --> 00:18:36,470

our next speaker is jim adams nasa's

365

00:18:41,190 --> 00:18:39,039

deputy director for planetary science in

366

00:18:43,430 --> 00:18:41,200

30 years of nasa mr adams has worked on

367

00:18:45,350 --> 00:18:43,440

projects ranging from weather satellites

368

00:18:46,390 --> 00:18:45,360

deep space probes and lunar landers and

369

00:18:48,390 --> 00:18:46,400

rovers

370

00:18:49,909 --> 00:18:48,400

he is a recipient of three nasa medals

371

00:18:51,590 --> 00:18:49,919

for exceptional service including

372

00:18:53,110 --> 00:18:51,600

outstanding leadership

373

00:19:01,110 --> 00:18:53,120

ladies and gentlemen please welcome jim

374

00:19:05,270 --> 00:19:02,789

i was talking to my wife this morning

375

00:19:07,350 --> 00:19:05,280

and i said how do you follow scott

376
00:19:08,830 --> 00:19:07,360
carpenter

377
00:19:11,990 --> 00:19:08,840
and she said just be

378
00:19:13,830 --> 00:19:12,000
yourself so that's all you get

379
00:19:16,230 --> 00:19:13,840
it is uh

380
00:19:18,230 --> 00:19:16,240
it's an impressive thing to think about

381
00:19:20,630 --> 00:19:18,240
if you go back in history

382
00:19:22,310 --> 00:19:20,640
how explorers and science have worked

383
00:19:24,310 --> 00:19:22,320
together hand in hand

384
00:19:26,470 --> 00:19:24,320
to understand the environment and the

385
00:19:29,110 --> 00:19:26,480
world we live in

386
00:19:30,710 --> 00:19:29,120
and it's fitting today that we should be

387
00:19:32,710 --> 00:19:30,720
commemorating

388
00:19:35,029 --> 00:19:32,720

alan shepard's first flight

389

00:19:36,789 --> 00:19:35,039

the mercury project and our exploration

390

00:19:39,909 --> 00:19:36,799

of mercury because that's exactly what's

391

00:19:42,230 --> 00:19:39,919

going on his science and exploration

392

00:19:43,270 --> 00:19:42,240

working together to understand where

393

00:19:46,070 --> 00:19:43,280

we're at

394

00:19:49,110 --> 00:19:46,080

and where we're going

395

00:19:51,430 --> 00:19:49,120

both stamps honor an american first the

396

00:19:52,470 --> 00:19:51,440

first human space flight

397

00:19:55,110 --> 00:19:52,480

the first

398

00:19:56,710 --> 00:19:55,120

satellite to ever orbit the

399

00:19:59,430 --> 00:19:56,720

innermost planet

400

00:20:01,270 --> 00:19:59,440

of our own solar system

401
00:20:03,430 --> 00:20:01,280
the messenger spacecraft traveled as you

402
00:20:05,750 --> 00:20:03,440
heard already six and a half years in

403
00:20:07,350 --> 00:20:05,760
order to get to mercury

404
00:20:11,190 --> 00:20:07,360
and in that time

405
00:20:12,950 --> 00:20:11,200
it traveled over 5 billion miles

406
00:20:15,909 --> 00:20:12,960
in order to explore the inner solar

407
00:20:17,669 --> 00:20:15,919
system on the way to mercury

408
00:20:19,909 --> 00:20:17,679
along the way we've learned a lot about

409
00:20:22,149 --> 00:20:19,919
venus and about the solar wind and about

410
00:20:24,470 --> 00:20:22,159
the inner solar system itself and we

411
00:20:27,430 --> 00:20:24,480
expect that over the next 12 months as

412
00:20:29,270 --> 00:20:27,440
we orbit that mysterious planet

413
00:20:32,789 --> 00:20:29,280

that we'll learn a lot about the planet

414

00:20:34,789 --> 00:20:32,799

itself and maybe unlock some keys

415

00:20:37,430 --> 00:20:34,799

associated with the formation of our own

416

00:20:39,430 --> 00:20:37,440

solar system

417

00:20:41,430 --> 00:20:39,440

the messenger spacecraft carries the

418

00:20:44,070 --> 00:20:41,440

most comprehensive suite of scientific

419

00:20:46,830 --> 00:20:44,080

instruments ever to be flown into the

420

00:20:49,029 --> 00:20:46,840

solar into the inner solar system and it

421

00:20:49,990 --> 00:20:49,039

will it will

422

00:20:52,470 --> 00:20:50,000

return

423

00:20:54,310 --> 00:20:52,480

data that will be used for science by

424

00:20:57,190 --> 00:20:54,320

scientists for years to come

425

00:21:04,310 --> 00:20:57,200

in our understanding of what's going on

426
00:21:07,990 --> 00:21:06,230
it's fitting that nasa and the postal

427
00:21:09,990 --> 00:21:08,000
service should commemorate

428
00:21:12,149 --> 00:21:10,000
these two events together

429
00:21:14,710 --> 00:21:12,159
nasa and the postal service are two

430
00:21:18,310 --> 00:21:14,720
american institutions this is american

431
00:21:20,230 --> 00:21:18,320
exploration american science america

432
00:21:21,909 --> 00:21:20,240
is exploring the solar system and

433
00:21:23,270 --> 00:21:21,919
bringing you the message

434
00:21:25,750 --> 00:21:23,280
and that's what we're all about we

435
00:21:28,070 --> 00:21:25,760
should be proud of that

436
00:21:29,350 --> 00:21:28,080
as exploration and science work together

437
00:21:31,830 --> 00:21:29,360
in the future

438
00:21:35,190 --> 00:21:31,840

we all look forward to what the future

439

00:21:38,789 --> 00:21:36,710

i'd like to think that

440

00:21:41,430 --> 00:21:38,799

my children would be standing here

441

00:21:43,669 --> 00:21:41,440

someday or sitting here and listening to

442

00:21:45,510 --> 00:21:43,679

people explain how explorers and

443

00:21:46,789 --> 00:21:45,520

scientists work together to move the

444

00:21:49,350 --> 00:21:46,799

influence of

445

00:21:50,870 --> 00:21:49,360

humans out further than low earth orbit

446

00:21:53,110 --> 00:21:50,880

further than the moon

447

00:21:55,350 --> 00:21:53,120

further even than mars

448

00:21:58,230 --> 00:21:55,360

someday i hope that we will have

449

00:22:00,310 --> 00:21:58,240

satellites with astronauts on board

450

00:22:02,390 --> 00:22:00,320

looking back from saturn

451
00:22:05,510 --> 00:22:02,400
and then we will have moved the bubble

452
00:22:07,510 --> 00:22:05,520
of human influence beyond

453
00:22:09,270 --> 00:22:07,520
the influence of earth and we'll have

454
00:22:11,270 --> 00:22:09,280
become true explorers

455
00:22:16,310 --> 00:22:11,280
thank you everybody for coming

456
00:22:20,310 --> 00:22:18,710
thank you jim

457
00:22:22,149 --> 00:22:20,320
so the list just keeps growing of our

458
00:22:23,190 --> 00:22:22,159
special speakers on this very special

459
00:22:25,029 --> 00:22:23,200
occasion

460
00:22:27,430 --> 00:22:25,039
julie shepard jenkins is representing

461
00:22:29,350 --> 00:22:27,440
her family as the daughter of alan b

462
00:22:31,510 --> 00:22:29,360
shepard the man honored on this mercury

463
00:22:33,909 --> 00:22:31,520

project commemorative stamps

464

00:22:35,909 --> 00:22:33,919

julie julie's sisters laura terchly and

465

00:22:36,710 --> 00:22:35,919

alice walkerman are also here today with

466

00:22:38,310 --> 00:22:36,720

us

467

00:22:42,149 --> 00:22:38,320

and i'd like to take a moment here and

468

00:22:46,470 --> 00:22:42,159

wish alice a happy birthday tomorrow

469

00:22:50,149 --> 00:22:48,230

mrs jenkins carries on her father's

470

00:22:52,549 --> 00:22:50,159

legacy by making presentations to middle

471

00:22:54,149 --> 00:22:52,559

school students and many others an avid

472

00:22:56,310 --> 00:22:54,159

space enthusiast she believes space

473

00:22:58,549 --> 00:22:56,320

travel is essential to expand human

474

00:23:00,070 --> 00:22:58,559

horizons and to encourage innovation

475

00:23:02,310 --> 00:23:00,080

at this time i would like to invite

476

00:23:04,230 --> 00:23:02,320

laura and alice to the stage

477

00:23:20,390 --> 00:23:04,240

and please join me in welcoming julie

478

00:23:25,270 --> 00:23:22,710

thank you all for being here today

479

00:23:27,909 --> 00:23:25,280

at this wonderful united states postal

480

00:23:31,110 --> 00:23:27,919

service ceremony for the unveiling

481

00:23:32,630 --> 00:23:31,120

of the stamp for alan bartlett shepherd

482

00:23:35,990 --> 00:23:32,640

jr

483

00:23:38,950 --> 00:23:36,000

his own postal stamp our family is very

484

00:23:41,750 --> 00:23:38,960

honored to be here today and speaking of

485

00:23:43,430 --> 00:23:41,760

family we have 20 members of our family

486

00:23:50,149 --> 00:23:43,440

here today and i would like all of them

487

00:23:50,159 --> 00:23:55,590

stand up

488

00:24:00,390 --> 00:23:57,909

of all the places in the world to hold

489

00:24:03,350 --> 00:24:00,400

this ceremony the rocket garden of cape

490

00:24:05,669 --> 00:24:03,360

kennedy is the best place ever

491

00:24:07,590 --> 00:24:05,679

we have often walked among these rockets

492

00:24:09,909 --> 00:24:07,600

and marveled at their different shapes

493

00:24:12,710 --> 00:24:09,919

and sizes

494

00:24:15,029 --> 00:24:12,720

of every each individual rocket in its

495

00:24:17,029 --> 00:24:15,039

shape and size

496

00:24:18,549 --> 00:24:17,039

and that they were able to send people

497

00:24:20,470 --> 00:24:18,559

such as our father

498

00:24:23,029 --> 00:24:20,480

into outer space

499

00:24:24,549 --> 00:24:23,039

americans should be so proud that the

500

00:24:27,510 --> 00:24:24,559

united states

501
00:24:30,710 --> 00:24:27,520
has been the leader in space exploration

502
00:24:35,590 --> 00:24:33,269
now daddy always had to start a talk

503
00:24:37,510 --> 00:24:35,600
with a few jokes

504
00:24:39,190 --> 00:24:37,520
so to set the record straight once and

505
00:24:41,430 --> 00:24:39,200
for all since we are at a stamp

506
00:24:43,590 --> 00:24:41,440
unveiling the shepherd daughters did at

507
00:24:48,630 --> 00:24:43,600
some point in their youth receive a few

508
00:24:52,149 --> 00:24:50,230
i would also like to tell you about the

509
00:24:54,230 --> 00:24:52,159
first time that my father

510
00:24:56,669 --> 00:24:54,240
went to the white house

511
00:24:58,230 --> 00:24:56,679
it was a couple of days after may 5th

512
00:25:01,350 --> 00:24:58,240
1961

513
00:25:03,909 --> 00:25:01,360

after his flight he and john f kennedy

514

00:25:06,470 --> 00:25:03,919

were sitting talking about the future of

515

00:25:09,909 --> 00:25:06,480

space and space exploration

516

00:25:12,870 --> 00:25:09,919

and in skipped caroline kennedy

517

00:25:15,909 --> 00:25:12,880

so john f kennedy introduced caroline to

518

00:25:18,070 --> 00:25:15,919

the first american into space

519

00:25:21,029 --> 00:25:18,080

she looked at daddy and then she looked

520

00:25:29,110 --> 00:25:21,039

at her father with a very quizzical look

521

00:25:34,149 --> 00:25:31,029

and thinking about our father's reaction

522

00:25:35,990 --> 00:25:34,159

to this prestigious honor we realize

523

00:25:38,390 --> 00:25:36,000

we realize that daddy

524

00:25:40,149 --> 00:25:38,400

is the only single astronaut to be

525

00:25:41,669 --> 00:25:40,159

pictured on the united states postal

526
00:25:43,990 --> 00:25:41,679
stamp

527
00:25:47,269 --> 00:25:44,000
it will help people to remember what a

528
00:25:49,590 --> 00:25:47,279
great leader for the astronauts he was

529
00:25:52,070 --> 00:25:49,600
my sisters and i think daddy would

530
00:25:54,310 --> 00:25:52,080
acknowledge this honor

531
00:25:57,190 --> 00:25:54,320
not only for himself

532
00:25:58,549 --> 00:25:57,200
but for the men and the women that built

533
00:26:02,230 --> 00:25:58,559
the rockets

534
00:26:05,110 --> 00:26:02,240
and sent him into space safely

535
00:26:09,590 --> 00:26:05,120
daddy never thought of himself as a hero

536
00:26:15,110 --> 00:26:13,350
my family would like to thank you

537
00:26:17,510 --> 00:26:15,120
would like to thank the united states

538
00:26:19,909 --> 00:26:17,520

postal service for honoring our father

539

00:26:21,990 --> 00:26:19,919

with this uniquely designed

540

00:26:23,510 --> 00:26:22,000

stamp

541

00:26:25,750 --> 00:26:23,520

we thank you from the bottom of our

542

00:26:28,149 --> 00:26:25,760

hearts

543

00:26:30,549 --> 00:26:28,159

we also would like to acknowledge nasa

544

00:26:32,870 --> 00:26:30,559

for hosting this ceremony in such a

545

00:26:34,149 --> 00:26:32,880

beautiful and appropriate appropriate

546

00:26:36,070 --> 00:26:34,159

setting

547

00:26:38,390 --> 00:26:36,080

and one last thing

548

00:26:40,149 --> 00:26:38,400

please take advantage of your

549

00:26:42,789 --> 00:26:40,159

new ability

550

00:26:54,950 --> 00:26:42,799

to send our father into space again

551
00:26:58,710 --> 00:26:57,190
thank you so much julie

552
00:27:01,029 --> 00:26:58,720
and now it's my great pleasure to

553
00:27:03,029 --> 00:27:01,039
introduce our final speaker for today

554
00:27:05,269 --> 00:27:03,039
nasa's 12th administrator and retired

555
00:27:07,990 --> 00:27:05,279
u.s marine corps major general charles

556
00:27:09,510 --> 00:27:08,000
frank bolden jr warmly known to the nasa

557
00:27:11,269 --> 00:27:09,520
family is charlie

558
00:27:13,110 --> 00:27:11,279
this is his second stint with nasa he

559
00:27:14,950 --> 00:27:13,120
leads the nasa team after serving as an

560
00:27:17,029 --> 00:27:14,960
astronaut during the 80s and 90s while a

561
00:27:18,789 --> 00:27:17,039
member of the u.s marine corps

562
00:27:20,230 --> 00:27:18,799
he traveled to orbit four times aboard

563
00:27:22,789 --> 00:27:20,240

the space shuttle commanding two

564

00:27:24,950 --> 00:27:22,799

missions his flights included deployment

565

00:27:27,750 --> 00:27:24,960

of the hubble space telescope and the

566

00:27:29,350 --> 00:27:27,760

first joint u.s russian shuttle mission

567

00:27:30,950 --> 00:27:29,360

he later returned to active duty in the

568

00:27:32,230 --> 00:27:30,960

marine corps and held numerous domestic

569

00:27:33,510 --> 00:27:32,240

and overseas commands before his

570

00:27:35,830 --> 00:27:33,520

retirement from the corps in two

571

00:27:37,430 --> 00:27:35,840

thousand three he was inducted into the

572

00:27:38,630 --> 00:27:37,440

u s astronaut hall of fame in two

573

00:27:40,230 --> 00:27:38,640

thousand six

574

00:27:49,990 --> 00:27:40,240

please welcome nasa administrator

575

00:27:54,070 --> 00:27:51,990

thank you all so much for coming out uh

576

00:27:56,310 --> 00:27:54,080

and i join everyone in welcoming you

577

00:27:58,310 --> 00:27:56,320

before i start with formal remarks i i

578

00:28:00,950 --> 00:27:58,320

think it's appropriate that i i kind of

579

00:28:02,710 --> 00:28:00,960

uh remind everybody about

580

00:28:04,950 --> 00:28:02,720

we actually suffered some devastation in

581

00:28:07,190 --> 00:28:04,960

the nasa family this past week

582

00:28:08,470 --> 00:28:07,200

uh even as we sit here in this beautiful

583

00:28:10,230 --> 00:28:08,480

sunlight

584

00:28:11,750 --> 00:28:10,240

we have members of our nasa family in

585

00:28:13,990 --> 00:28:11,760

and around huntsville alabama who are

586

00:28:16,389 --> 00:28:14,000

still trying to pick up the pieces

587

00:28:18,710 --> 00:28:16,399

we've got about 80 percent of our of our

588

00:28:20,310 --> 00:28:18,720

nasa workforce and about 70

589

00:28:22,310 --> 00:28:20,320

of the contractor workforce that have

590

00:28:23,590 --> 00:28:22,320

been accounted for but we're still uh

591

00:28:25,590 --> 00:28:23,600

trying to make sure that we can account

592

00:28:27,590 --> 00:28:25,600

for everybody so i would ask you as you

593

00:28:29,909 --> 00:28:27,600

as we celebrate on this occasion this

594

00:28:32,310 --> 00:28:29,919

very very joyous occasion that you keep

595

00:28:34,549 --> 00:28:32,320

them in your thoughts and prayers

596

00:28:36,230 --> 00:28:34,559

again you know scott

597

00:28:37,269 --> 00:28:36,240

uh jim

598

00:28:40,630 --> 00:28:37,279

julie

599

00:28:42,870 --> 00:28:40,640

and vicariously laura and alice

600

00:28:45,510 --> 00:28:42,880

uh i thank all of you for the moving

601
00:28:47,990 --> 00:28:45,520
words that uh that talked about project

602
00:28:49,430 --> 00:28:48,000
mercury and about the messenger program

603
00:28:51,510 --> 00:28:49,440
the messenger mission

604
00:28:53,190 --> 00:28:51,520
you've given us a human perspective on

605
00:28:54,310 --> 00:28:53,200
these important parts of our nation's

606
00:28:58,070 --> 00:28:54,320
history

607
00:28:59,750 --> 00:28:58,080
and uh i just asked julie alice

608
00:29:01,750 --> 00:28:59,760
i said you know i was thinking and it

609
00:29:04,149 --> 00:29:01,760
did not occur to me until i was sitting

610
00:29:05,430 --> 00:29:04,159
there listening to your introduction

611
00:29:07,990 --> 00:29:05,440
uh

612
00:29:11,029 --> 00:29:08,000
that you had quite a birthday candle

613
00:29:13,590 --> 00:29:11,039

uh when on on the 5th of may

614

00:29:14,950 --> 00:29:13,600

so uh what a special birthday in many

615

00:29:16,950 --> 00:29:14,960

respects

616

00:29:18,070 --> 00:29:16,960

i i also want to thank the us postal

617

00:29:19,590 --> 00:29:18,080

service

618

00:29:21,590 --> 00:29:19,600

for their initiative in bringing

619

00:29:23,830 --> 00:29:21,600

awareness of space flight

620

00:29:26,630 --> 00:29:23,840

and science to wider audiences through

621

00:29:27,750 --> 00:29:26,640

these two works of art and that's really

622

00:29:29,510 --> 00:29:27,760

what they are

623

00:29:31,510 --> 00:29:29,520

i hope all of you agree with me that

624

00:29:35,430 --> 00:29:31,520

they're absolutely beautiful

625

00:29:38,549 --> 00:29:35,440

so today we celebrate the inaugural

626
00:29:40,710 --> 00:29:38,559
manned flight of project mercury

627
00:29:42,630 --> 00:29:40,720
and our historic first orbital mission

628
00:29:44,630 --> 00:29:42,640
to the planet mercury

629
00:29:47,590 --> 00:29:44,640
these are two enormously important

630
00:29:48,950 --> 00:29:47,600
points separated by years on the nasa

631
00:29:51,510 --> 00:29:48,960
continuum

632
00:29:54,230 --> 00:29:51,520
they're joined by more than just a name

633
00:29:57,110 --> 00:29:54,240
they embody the spirit of innovation and

634
00:29:59,350 --> 00:29:57,120
doing big things for which nasa has

635
00:30:01,430 --> 00:29:59,360
always been known

636
00:30:03,750 --> 00:30:01,440
when alan shepard launched toward the

637
00:30:06,149 --> 00:30:03,760
stars 50 years ago

638
00:30:07,909 --> 00:30:06,159

no american had ever done so

639

00:30:10,549 --> 00:30:07,919

the so-called mercury seven were a

640

00:30:12,870 --> 00:30:10,559

handful of brave men each of whom would

641

00:30:15,669 --> 00:30:12,880

accomplish great things

642

00:30:17,350 --> 00:30:15,679

things no one had done before

643

00:30:18,710 --> 00:30:17,360

we thank all of them

644

00:30:21,029 --> 00:30:18,720

and we thank the scientists who

645

00:30:23,669 --> 00:30:21,039

conceived a messenger and the missions

646

00:30:26,149 --> 00:30:23,679

like it that are continuing to fill

647

00:30:28,710 --> 00:30:26,159

rewritten textbooks with new knowledge

648

00:30:31,909 --> 00:30:28,720

about the universe and to inspire future

649

00:30:34,070 --> 00:30:31,919

explorers with things we can find out if

650

00:30:37,269 --> 00:30:34,080

we keep our sights set high

651
00:30:39,990 --> 00:30:37,279
and try hard i was just a teenager when

652
00:30:41,430 --> 00:30:40,000
alan stepped into freedom 7 capsule and

653
00:30:43,430 --> 00:30:41,440
entered history

654
00:30:45,510 --> 00:30:43,440
but i remember being tremendously moved

655
00:30:47,510 --> 00:30:45,520
by his bravery

656
00:30:50,630 --> 00:30:47,520
as a test pilot

657
00:30:52,789 --> 00:30:50,640
uh you know i can imagine he was much

658
00:30:54,230 --> 00:30:52,799
more focused on making the flight a

659
00:30:56,470 --> 00:30:54,240
success

660
00:30:58,310 --> 00:30:56,480
than he was about any legacy for

661
00:31:00,710 --> 00:30:58,320
posterity

662
00:31:02,870 --> 00:31:00,720
on the strength of his accomplishment

663
00:31:05,269 --> 00:31:02,880

nasa was able to begin building the

664

00:31:07,750 --> 00:31:05,279

leadership role in human space life that

665

00:31:09,990 --> 00:31:07,760

we have held ever since

666

00:31:10,950 --> 00:31:10,000

and he set an example that so many have

667

00:31:13,269 --> 00:31:10,960

followed

668

00:31:14,230 --> 00:31:13,279

the crews that orbited and landed on the

669

00:31:17,029 --> 00:31:14,240

moon

670

00:31:18,950 --> 00:31:17,039

the astronauts who have flown

671

00:31:21,029 --> 00:31:18,960

the space shuttle particularly those who

672

00:31:24,070 --> 00:31:21,039

flew the space the first space shuttle

673

00:31:26,710 --> 00:31:24,080

bob crippen and john young

674

00:31:28,710 --> 00:31:26,720

that was effectively the vehicle's first

675

00:31:30,630 --> 00:31:28,720

test flight as well

676
00:31:32,789 --> 00:31:30,640
they all walked through the door that

677
00:31:34,310 --> 00:31:32,799
allen blasted open

678
00:31:36,710 --> 00:31:34,320
and these stamps

679
00:31:38,070 --> 00:31:36,720
which will go out by the millions across

680
00:31:40,230 --> 00:31:38,080
this country

681
00:31:42,630 --> 00:31:40,240
are also a testament to the thousands of

682
00:31:45,110 --> 00:31:42,640
nasa men and women who also shared

683
00:31:47,190 --> 00:31:45,120
dreams of human and robotic space flight

684
00:31:48,389 --> 00:31:47,200
and of enlarging our knowledge of the

685
00:31:50,470 --> 00:31:48,399
universe

686
00:31:53,110 --> 00:31:50,480
the people of mission control

687
00:31:55,430 --> 00:31:53,120
of launch control the ground crews the

688
00:31:58,710 --> 00:31:55,440

scientists and engineers with great

689

00:32:00,389 --> 00:31:58,720

ideas who translated those ideas into

690

00:32:02,389 --> 00:32:00,399

real hardware

691

00:32:04,070 --> 00:32:02,399

since 1958

692

00:32:06,710 --> 00:32:04,080

they have sought through their ceaseless

693

00:32:08,310 --> 00:32:06,720

efforts to chart a course to the stars

694

00:32:11,029 --> 00:32:08,320

for the human race

695

00:32:13,430 --> 00:32:11,039

and to create the eyes and ears that we

696

00:32:16,549 --> 00:32:13,440

are able to send far and wide through

697

00:32:19,990 --> 00:32:16,559

amazing spacecraft like messenger and

698

00:32:21,269 --> 00:32:20,000

its brethren across our solar system

699

00:32:23,350 --> 00:32:21,279

today

700

00:32:25,430 --> 00:32:23,360

we celebrate two firsts

701
00:32:27,190 --> 00:32:25,440
and we celebrate the future

702
00:32:29,350 --> 00:32:27,200
because at nasa

703
00:32:31,430 --> 00:32:29,360
each first is grown and expanded until

704
00:32:34,470 --> 00:32:31,440
we make the next breakthrough

705
00:32:36,149 --> 00:32:34,480
like a space station flying 250 miles

706
00:32:37,669 --> 00:32:36,159
overhead right now

707
00:32:40,789 --> 00:32:37,679
on which men and women have lived

708
00:32:42,389 --> 00:32:40,799
continuously for more than 10 years a

709
00:32:44,710 --> 00:32:42,399
logical successor

710
00:32:46,630 --> 00:32:44,720
of alan's pioneering work

711
00:32:48,310 --> 00:32:46,640
and missions and testing and design

712
00:32:50,630 --> 00:32:48,320
stages right now

713
00:32:54,070 --> 00:32:50,640

that will take us farther and deeper

714

00:32:55,909 --> 00:32:54,080

into our universe as jim has mentioned

715

00:32:58,630 --> 00:32:55,919

i'm honored to be a part of the grand

716

00:33:00,470 --> 00:32:58,640

history that includes alan shepard and

717

00:33:01,669 --> 00:33:00,480

the and the first orbiting mission to

718

00:33:03,909 --> 00:33:01,679

mercury

719

00:33:06,230 --> 00:33:03,919

and we're just getting started

720

00:33:09,350 --> 00:33:06,240

our future holds many firsts

721

00:33:11,750 --> 00:33:09,360

new destinations new capabilities

722

00:33:13,190 --> 00:33:11,760

along with the rest of the nasa family i

723

00:33:15,830 --> 00:33:13,200

look forward to giving the postal

724

00:33:18,230 --> 00:33:15,840

service plenty more ideas

725

00:33:20,230 --> 00:33:18,240

for stamps to honor the space program in

726

00:33:23,430 --> 00:33:20,240

the coming years

727

00:33:25,269 --> 00:33:23,440

as we and nasa reach for new heights to

728

00:33:27,430 --> 00:33:25,279

reveal the unknown

729

00:33:28,310 --> 00:33:27,440

so the things we learn and the things we

730

00:33:31,110 --> 00:33:28,320

do

731

00:33:32,710 --> 00:33:31,120

will make life better for all humankind

732

00:33:34,630 --> 00:33:32,720

thanks to all of you again for being

733

00:33:43,029 --> 00:33:34,640

here and thanks for allowing me to be a

734

00:33:46,470 --> 00:33:44,950

thank you so much charlie

735

00:33:48,070 --> 00:33:46,480

ladies and gentlemen this concludes the

736

00:33:49,509 --> 00:33:48,080

speaking portion of our program i have a

737

00:33:51,190 --> 00:33:49,519

few administrative notes that i wanted

738

00:33:52,710 --> 00:33:51,200

to offer for you

739

00:33:54,389 --> 00:33:52,720

we have a very special opportunity for

740

00:33:56,710 --> 00:33:54,399

you today for a limited time some of our

741

00:33:58,470 --> 00:33:56,720

program participants will be available

742

00:34:00,789 --> 00:33:58,480

in front available in front of the space

743

00:34:02,630 --> 00:34:00,799

shop which is just over the bridge past

744

00:34:04,870 --> 00:34:02,640

the iss

745

00:34:07,350 --> 00:34:04,880

scene to the space shop and you can get

746

00:34:08,869 --> 00:34:07,360

some autographs on this occasion in the

747

00:34:11,430 --> 00:34:08,879

interest of time we respectfully ask

748

00:34:13,109 --> 00:34:11,440

that you limit your items to two

749

00:34:14,710 --> 00:34:13,119

also the mercury project and messenger

750

00:34:16,710 --> 00:34:14,720

stamps are on sale here today in front

751

00:34:18,790 --> 00:34:16,720

of the space shop you'll be able to get

752

00:34:20,790 --> 00:34:18,800

a special hand cancellation with the

753

00:34:22,230 --> 00:34:20,800

official first day of issue postmark on

754

00:34:23,270 --> 00:34:22,240

anything bearing one of those postage

755

00:34:25,109 --> 00:34:23,280

stamps

756

00:34:26,869 --> 00:34:25,119

on behalf of nasa and the us postal

757

00:34:28,869 --> 00:34:26,879

service i want to thank you all and

758

00:34:30,230 --> 00:34:28,879

thank our honored guests as well as all