



1  
00:00:01,930 --> 00:00:08,549  
[Music]

2  
00:00:14,629 --> 00:00:12,390  
they came from humble beginnings

3  
00:00:17,430 --> 00:00:14,639  
from all over the country

4  
00:00:19,510 --> 00:00:17,440  
and all walks of life

5  
00:00:21,269 --> 00:00:19,520  
ordinary people

6  
00:00:23,990 --> 00:00:21,279  
but through hard work

7  
00:00:25,990 --> 00:00:24,000  
discipline and dedication

8  
00:00:29,189 --> 00:00:26,000  
they became

9  
00:00:34,790 --> 00:00:31,029  
they are pilots

10  
00:00:37,830 --> 00:00:34,800  
scientists engineers doctors from

11  
00:00:39,510 --> 00:00:37,840  
thousands of applicants these few

12  
00:00:41,510 --> 00:00:39,520  
were chosen

13  
00:00:44,709 --> 00:00:41,520

through years of training sleepless

14

00:00:48,869 --> 00:00:44,719

nights and personal sacrifices they

15

00:00:50,630 --> 00:00:48,879

keep flying through triumph and tragedy

16

00:00:52,790 --> 00:00:50,640

learning from mistakes

17

00:00:58,069 --> 00:00:52,800

and accepting the risk

18

00:01:04,229 --> 00:01:01,590

do it for the necessity of exploration

19

00:01:07,270 --> 00:01:04,239

for scientific discoveries

20

00:01:08,710 --> 00:01:07,280

for the next generation to ensure that

21

00:01:11,270 --> 00:01:08,720

humanity

22

00:01:14,630 --> 00:01:11,280

has a path forward

23

00:01:15,910 --> 00:01:14,640

they represent the best of our nation

24

00:01:19,680 --> 00:01:15,920

they are

25

00:01:29,830 --> 00:01:19,690

nasa astronauts

26

00:01:39,140 --> 00:01:33,429

good morning

27

00:01:40,100 --> 00:01:39,150

[Applause]

28

00:01:47,350 --> 00:01:40,110

[Music]

29

00:01:49,670 --> 00:01:47,360

[Applause]

30

00:01:51,429 --> 00:01:49,680

i'm vanessa weich director of nasa's

31

00:01:53,350 --> 00:01:51,439

johnson space center

32

00:01:56,149 --> 00:01:53,360

and i'd like to welcome all of you here

33

00:01:58,709 --> 00:01:56,159

today to ellington field for a special

34

00:02:01,109 --> 00:01:58,719

announcement of america's newest

35

00:02:03,270 --> 00:02:01,119

astronaut candidate class

36

00:02:05,030 --> 00:02:03,280

nasa's johnson space center is the home

37

00:02:06,389 --> 00:02:05,040

of our nation's human space flight

38

00:02:08,710 --> 00:02:06,399

programs

39

00:02:11,510 --> 00:02:08,720

this past november we celebrated our

40

00:02:14,229 --> 00:02:11,520

60th anniversary here in houston

41

00:02:16,630 --> 00:02:14,239

a tremendous milestone in the history of

42

00:02:18,790 --> 00:02:16,640

the u.s space program

43

00:02:20,869 --> 00:02:18,800

johnson has served as the hub for

44

00:02:22,710 --> 00:02:20,879

america's astronaut corps

45

00:02:24,390 --> 00:02:22,720

international space station

46

00:02:26,949 --> 00:02:24,400

mission operations

47

00:02:30,070 --> 00:02:26,959

the orion and gateway programs and a

48

00:02:32,470 --> 00:02:30,080

host of future space flight developments

49

00:02:34,309 --> 00:02:32,480

our astronaut corps puts the human in

50

00:02:36,390 --> 00:02:34,319

human space flight

51  
00:02:39,670 --> 00:02:36,400  
and every few years we have the

52  
00:02:42,390 --> 00:02:39,680  
opportunity to add to those select few

53  
00:02:45,190 --> 00:02:42,400  
who get to fly in space

54  
00:02:47,430 --> 00:02:45,200  
these nasa astronauts will plan

55  
00:02:49,270 --> 00:02:47,440  
train and fly missions to the

56  
00:02:51,670 --> 00:02:49,280  
international space station

57  
00:02:53,990 --> 00:02:51,680  
and to the moon under artemis

58  
00:02:55,750 --> 00:02:54,000  
and eventually onto mars

59  
00:02:57,990 --> 00:02:55,760  
and after today

60  
00:03:01,030 --> 00:02:58,000  
johnson will be the new home of the

61  
00:03:03,589 --> 00:03:01,040  
individuals we introduced to you

62  
00:03:05,830 --> 00:03:03,599  
more than 12 000 people applied to be a

63  
00:03:08,550 --> 00:03:05,840

part of this astronaut class

64

00:03:11,509 --> 00:03:08,560

and it takes a team of people to review

65

00:03:13,910 --> 00:03:11,519

applications and make selections i'd

66

00:03:16,470 --> 00:03:13,920

like to thank all of our employees who

67

00:03:19,110 --> 00:03:16,480

helped with the selection process

68

00:03:22,070 --> 00:03:19,120

these candidates studied hard worked

69

00:03:23,670 --> 00:03:22,080

hard applied to be a nasa astronaut

70

00:03:25,190 --> 00:03:23,680

and have gone through our extensive

71

00:03:27,270 --> 00:03:25,200

selection process

72

00:03:31,270 --> 00:03:27,280

and now today

73

00:03:33,430 --> 00:03:31,280

10 people will be named as nasa's newest

74

00:03:38,229 --> 00:03:33,440

astronaut candidates

75

00:03:41,589 --> 00:03:38,239

here in houston for two years

76  
00:03:43,830 --> 00:03:41,599  
using t-38 jets like the ones behind me

77  
00:03:46,229 --> 00:03:43,840  
and focus on a variety of technical

78  
00:03:48,869 --> 00:03:46,239  
activities to prepare them for missions

79  
00:03:52,710 --> 00:03:48,879  
that will help nasa push the boundaries

80  
00:03:57,670 --> 00:03:55,429  
many of them are still in the process of

81  
00:04:00,149 --> 00:03:57,680  
moving their families to houston

82  
00:04:01,270 --> 00:04:00,159  
and our team is excited to welcome them

83  
00:04:04,229 --> 00:04:01,280  
home

84  
00:04:06,789 --> 00:04:04,239  
at johnson our vision is clear we dare

85  
00:04:09,190 --> 00:04:06,799  
to expand frontiers we unite with our

86  
00:04:10,470 --> 00:04:09,200  
partners to complete bold missions and

87  
00:04:13,589 --> 00:04:10,480  
we explore

88  
00:04:15,589 --> 00:04:13,599

for the benefit of all humanity

89

00:04:17,990 --> 00:04:15,599

our team plays a pivotal role in

90

00:04:21,030 --> 00:04:18,000

enhancing scientific and technological

91

00:04:23,110 --> 00:04:21,040

knowledge to benefit all of humankind

92

00:04:24,950 --> 00:04:23,120

we've made many giant leaps throughout

93

00:04:27,270 --> 00:04:24,960

the past 60 years

94

00:04:30,230 --> 00:04:27,280

fulfilling president kennedy's goals of

95

00:04:32,469 --> 00:04:30,240

landing a man on the moon and today we

96

00:04:35,110 --> 00:04:32,479

reach further into the stars as we push

97

00:04:37,990 --> 00:04:35,120

forward to the moon and once again and

98

00:04:40,150 --> 00:04:38,000

on to mars with nasa's newest astronaut

99

00:04:42,550 --> 00:04:40,160

candidate class

100

00:04:45,189 --> 00:04:42,560

at this time i'd like to introduce you

101  
00:04:47,510 --> 00:04:45,199  
to norm knight director of our flight

102  
00:04:49,430 --> 00:04:47,520  
operations directorate

103  
00:04:51,510 --> 00:04:49,440  
norm leads a team of employees to

104  
00:04:53,909 --> 00:04:51,520  
facilitate the planning training and

105  
00:04:55,350 --> 00:04:53,919  
mission execution for nasa's human space

106  
00:04:57,909 --> 00:04:55,360  
flight missions

107  
00:04:59,830 --> 00:04:57,919  
he's responsible for flight operations

108  
00:05:02,390 --> 00:04:59,840  
including nasa astronauts flight

109  
00:05:03,749 --> 00:05:02,400  
directors nasa pilots and aviation

110  
00:05:05,749 --> 00:05:03,759  
assets

111  
00:05:08,790 --> 00:05:05,759  
as well as real-time mission control

112  
00:05:10,790 --> 00:05:08,800  
center command and control and

113  
00:05:13,029 --> 00:05:10,800

the world-class training facilities

114

00:05:15,749 --> 00:05:13,039

including our spacecraft mock-ups and

115

00:05:28,390 --> 00:05:15,759

the neutral buoyancy lab please welcome

116

00:05:30,790 --> 00:05:29,749

thank you vanessa for the kind

117

00:05:33,510 --> 00:05:30,800

introduction

118

00:05:35,749 --> 00:05:33,520

and good morning everyone

119

00:05:37,909 --> 00:05:35,759

it is a great time to be in the space

120

00:05:38,950 --> 00:05:37,919

business and it is a great day to be at

121

00:05:41,189 --> 00:05:38,960

nasa

122

00:05:43,430 --> 00:05:41,199

so i know you are excited to meet the

123

00:05:45,430 --> 00:05:43,440

nasa's newest astronaut candidates so

124

00:05:48,230 --> 00:05:45,440

let's uh let's bring them out

125

00:05:49,749 --> 00:05:48,240

these are your nasa 2021 astronaut

126

00:05:53,110 --> 00:05:49,759

candidates

127

00:06:07,990 --> 00:05:53,120

an air force pilot from divide colorado

128

00:06:23,670 --> 00:06:10,870

an air force helicopter test pilot from

129

00:06:29,590 --> 00:06:26,550

a bio engineer and team usa track

130

00:06:40,230 --> 00:06:29,600

cyclist from gilbert arizona christina

131

00:06:53,990 --> 00:06:42,950

a drilling engineer from wasilla alaska

132

00:06:57,670 --> 00:06:56,150

a nasa langley research pilot from

133

00:06:59,160 --> 00:06:57,680

debary florida

134

00:07:08,550 --> 00:06:59,170

luke delaney

135

00:07:10,950 --> 00:07:08,560

[Applause]

136

00:07:24,629 --> 00:07:10,960

a space systems engineer from chesapeake

137

00:07:39,990 --> 00:07:26,710

a navy test pilot from south windsor

138

00:07:55,749 --> 00:07:41,909

medical director at spacex from

139

00:07:59,180 --> 00:07:57,830

a physicist from potomac maryland

140

00:08:10,550 --> 00:07:59,190

christopher williams

141

00:08:12,469 --> 00:08:10,560

[Applause]

142

00:08:25,510 --> 00:08:12,479

and a navy test pilot from clovis

143

00:08:30,550 --> 00:08:27,990

congratulations to the 2021 nasa

144

00:08:32,389 --> 00:08:30,560

astronaut candidates we welcome you to

145

00:08:34,709 --> 00:08:32,399

the nasa family and look forward to

146

00:08:37,110 --> 00:08:34,719

seeing you train and fly as nasa

147

00:08:47,000 --> 00:08:37,120

astronauts let's give them a big round

148

00:09:06,870 --> 00:09:02,610

[Music]

149

00:09:09,670 --> 00:09:06,880

see vanessa i'll turn it back to you

150

00:09:12,790 --> 00:09:09,680

okay

151  
00:09:15,670 --> 00:09:12,800  
thank you norm and congratulations to

152  
00:09:17,509 --> 00:09:15,680  
all of our astronaut candidates

153  
00:09:20,230 --> 00:09:17,519  
now i'd like to introduce

154  
00:09:22,630 --> 00:09:20,240  
the administrator of nasa nasa

155  
00:09:24,949 --> 00:09:22,640  
administrator bill nelson who is leading

156  
00:09:27,030 --> 00:09:24,959  
our agency into the future

157  
00:09:29,750 --> 00:09:27,040  
senator nelson has served in public

158  
00:09:32,470 --> 00:09:29,760  
office for over four decades first in

159  
00:09:34,870 --> 00:09:32,480  
the state legislator and in congress

160  
00:09:37,509 --> 00:09:34,880  
then as state treasurer he was elected

161  
00:09:40,710 --> 00:09:37,519  
three times the united states senate

162  
00:09:44,630 --> 00:09:40,720  
representing florida for 18 years

163  
00:09:46,949 --> 00:09:44,640

in 1986 senator nelson flew on the 24th

164

00:09:50,230 --> 00:09:46,959

flight of the space shuttle the mission

165

00:09:51,910 --> 00:09:50,240

on columbia orbited the earth 98 times

166

00:09:54,070 --> 00:09:51,920

over six days

167

00:09:56,470 --> 00:09:54,080

senator nelson conducted 12 medical

168

00:09:58,870 --> 00:09:56,480

experiments including the first american

169

00:10:00,630 --> 00:09:58,880

stress test in space and a cancer

170

00:10:03,110 --> 00:10:00,640

research experiment sponsored by the

171

00:10:05,820 --> 00:10:03,120

university researchers i introduced to

172

00:10:15,190 --> 00:10:05,830

you administrator nelson

173

00:10:16,110 --> 00:10:15,200

[Applause]

174

00:10:19,990 --> 00:10:16,120

good

175

00:10:23,750 --> 00:10:20,000

morning uh they're not enthusiastic at

176  
00:10:23,760 --> 00:10:26,470  
well

177  
00:10:32,230 --> 00:10:29,590  
this is the nasa family

178  
00:10:34,230 --> 00:10:32,240  
so i address you members of the national

179  
00:10:37,750 --> 00:10:34,240  
family and those of you out there

180  
00:10:41,670 --> 00:10:37,760  
watching this on nasa tv

181  
00:10:46,550 --> 00:10:43,590  
for 60 years

182  
00:10:49,990 --> 00:10:46,560  
the johnson space center has captured

183  
00:10:53,190 --> 00:10:50,000  
the american story

184  
00:10:55,509 --> 00:10:53,200  
it's a story about discovery

185  
00:10:59,750 --> 00:10:55,519  
about exploration

186  
00:11:03,990 --> 00:10:59,760  
about people who forge ahead

187  
00:11:08,150 --> 00:11:04,000  
we are a nation that is restless unless

188  
00:11:12,150 --> 00:11:08,160

pressing out into the unknown

189

00:11:14,630 --> 00:11:12,160

we've always had a frontier to expand

190

00:11:16,550 --> 00:11:14,640

the frontier now

191

00:11:19,829 --> 00:11:16,560

is upwards

192

00:11:21,829 --> 00:11:19,839

and it's out into the cosmos

193

00:11:25,910 --> 00:11:21,839

we're going back to the moon

194

00:11:30,389 --> 00:11:25,920

and we're continuing on to mars

195

00:11:34,510 --> 00:11:30,399

and so today we welcome 10 new explorers

196

00:11:36,069 --> 00:11:34,520

10 members of the artemis generation

197

00:11:38,470 --> 00:11:36,079

[Music]

198

00:11:43,269 --> 00:11:38,480

it was the apollo generation and that

199

00:11:47,750 --> 00:11:43,279

did so much for so many now

200

00:11:53,509 --> 00:11:50,310

alone each of these candidates certainly

201  
00:11:55,670 --> 00:11:53,519  
has the right stuff but together they

202  
00:11:58,150 --> 00:11:55,680  
represent

203  
00:12:01,190 --> 00:11:58,160  
exactly the creed of our country e

204  
00:12:04,470 --> 00:12:01,200  
pluribus unum

205  
00:12:06,710 --> 00:12:04,480  
out of many one

206  
00:12:08,389 --> 00:12:06,720  
in this class of candidates

207  
00:12:12,150 --> 00:12:08,399  
is the son

208  
00:12:14,629 --> 00:12:12,160  
of two immigrant parents

209  
00:12:17,190 --> 00:12:14,639  
there are members and veterans of u.s

210  
00:12:18,949 --> 00:12:17,200  
armed forces including a pilot

211  
00:12:21,230 --> 00:12:18,959  
who led the

212  
00:12:25,670 --> 00:12:21,240  
first all-female

213  
00:12:31,829 --> 00:12:25,680

f22 formation in combat

214

00:12:38,629 --> 00:12:35,670

one candidate led on-site operations on

215

00:12:41,910 --> 00:12:38,639

drilling rigs in canada and ohio and

216

00:12:44,949 --> 00:12:41,920

texas and another is a former emergency

217

00:12:47,110 --> 00:12:44,959

medical technician and firefighter

218

00:12:49,750 --> 00:12:47,120

who became an assistant professor of

219

00:12:53,509 --> 00:12:49,760

medicine at harvard

220

00:12:55,290 --> 00:12:53,519

the class even includes a us track

221

00:12:56,870 --> 00:12:55,300

cycling team member

222

00:13:00,629 --> 00:12:56,880

[Music]

223

00:13:03,350 --> 00:13:00,639

nasa astronauts embodied the spirit of

224

00:13:04,829 --> 00:13:03,360

the american character

225

00:13:08,069 --> 00:13:04,839

but each

226

00:13:09,670 --> 00:13:08,079

astronauts candidate's journey is

227

00:13:12,310 --> 00:13:09,680

different

228

00:13:15,590 --> 00:13:12,320

and that's the power of nasa

229

00:13:17,350 --> 00:13:15,600

we unite people

230

00:13:18,949 --> 00:13:17,360

to explore

231

00:13:21,190 --> 00:13:18,959

to discover

232

00:13:24,069 --> 00:13:21,200

to dream

233

00:13:26,470 --> 00:13:24,079

to the candidates

234

00:13:30,949 --> 00:13:26,480

you've been selected not only to push

235

00:13:33,110 --> 00:13:30,959

the envelope of humanity's potential

236

00:13:35,030 --> 00:13:33,120

you've been tasked

237

00:13:35,840 --> 00:13:35,040

to carry out the hopes

238

00:13:37,269 --> 00:13:35,850

of a nation

239

00:13:40,389 --> 00:13:37,279

[Music]

240

00:13:43,670 --> 00:13:40,399

and that hope is found

241

00:13:47,269 --> 00:13:43,680

in the twinkling eyes of a child when

242

00:13:51,030 --> 00:13:47,279

they dream of soaring upwards

243

00:14:01,509 --> 00:13:53,350

you know the lord is speaking

244

00:14:01,519 --> 00:14:06,790

oh lord just let me do my part

245

00:14:10,710 --> 00:14:07,670

that

246

00:14:14,069 --> 00:14:10,720

hope is found in those twinkling eyes of

247

00:14:15,590 --> 00:14:14,079

a child it's felt whenever we gaze up at

248

00:14:19,990 --> 00:14:15,600

the stars

249

00:14:21,670 --> 00:14:20,000

and wonder what might more be out there

250

00:14:23,350 --> 00:14:21,680

it's what we're going to do when we look

251  
00:14:27,269 --> 00:14:23,360  
through that telescope that we're

252  
00:14:29,670 --> 00:14:27,279  
launching on december the 22nd

253  
00:14:32,150 --> 00:14:29,680  
generations of astronaut candidates have

254  
00:14:34,470 --> 00:14:32,160  
trained here at ellington field many

255  
00:14:37,350 --> 00:14:34,480  
have explored the heavens

256  
00:14:39,509 --> 00:14:37,360  
and they carried america's aspirations

257  
00:14:42,790 --> 00:14:39,519  
during every mission

258  
00:14:44,870 --> 00:14:42,800  
and it's a sacred duty

259  
00:14:46,629 --> 00:14:44,880  
it now

260  
00:14:48,550 --> 00:14:46,639  
belongs

261  
00:14:50,550 --> 00:14:48,560  
to you

262  
00:14:53,350 --> 00:14:50,560  
so good luck in your training and and

263  
00:14:54,550 --> 00:14:53,360

may god bless you

264

00:14:57,670 --> 00:14:54,560

now

265

00:15:01,590 --> 00:14:57,680

it's my honor to introduce a couple of

266

00:15:06,470 --> 00:15:04,629

and is that the siren going off

267

00:15:08,389 --> 00:15:06,480

from lightning

268

00:15:11,189 --> 00:15:08,399

probably

269

00:15:14,550 --> 00:15:11,199

nasa is venturing farther out into the

270

00:15:16,069 --> 00:15:14,560

solar system but america is not going

271

00:15:18,150 --> 00:15:16,079

alone

272

00:15:20,550 --> 00:15:18,160

we are partnering

273

00:15:22,069 --> 00:15:20,560

with space agencies from around the

274

00:15:25,990 --> 00:15:22,079

world

275

00:15:29,470 --> 00:15:26,000

today we are joined by two united arab

276

00:15:34,069 --> 00:15:29,480

emirates crew members

277

00:15:36,949 --> 00:15:34,079

[Music]

278

00:15:39,350 --> 00:15:36,959

and muhammad al-mullah

279

00:15:42,230 --> 00:15:39,360

over the next two years they will train

280

00:15:44,310 --> 00:15:42,240

with this class of candidates

281

00:15:46,870 --> 00:15:44,320

and they will strengthen the bond

282

00:15:49,430 --> 00:15:46,880

between our two nations

283

00:16:05,910 --> 00:15:49,440

thank you norah and muhammad where are

284

00:16:11,910 --> 00:16:09,189

we are also honored to be joined today

285

00:16:12,949 --> 00:16:11,920

by some special guests

286

00:16:16,470 --> 00:16:12,959

please

287

00:16:18,389 --> 00:16:16,480

help me welcome the following elected

288

00:16:25,590 --> 00:16:18,399

individuals

289

00:16:25,600 --> 00:16:33,269

congressman randy weber

290

00:16:46,790 --> 00:16:35,990

that introduction just cost you five

291

00:16:46,800 --> 00:16:54,389

texas state senator larry taylor

292

00:17:04,309 --> 00:16:57,350

and texas state representative dennis

293

00:17:10,549 --> 00:17:07,429

thank you for the bipartisan support

294

00:17:13,429 --> 00:17:10,559

from the staff of the offices of senator

295

00:17:16,949 --> 00:17:13,439

cruz congresswoman

296

00:17:20,470 --> 00:17:16,959

sheila jackson lee who texts me as to

297

00:17:22,390 --> 00:17:20,480

why she could not be here she's

298

00:17:25,189 --> 00:17:22,400

right there when it comes to nasa

299

00:17:27,590 --> 00:17:25,199

congressman babin's staff congressman

300

00:17:29,270 --> 00:17:27,600

webber's staff

301  
00:17:34,549 --> 00:17:29,280  
congresswoman

302  
00:17:36,549 --> 00:17:34,559  
fletcher's staff

303  
00:17:39,669 --> 00:17:36,559  
next

304  
00:17:42,549 --> 00:17:39,679  
congressman babin of texas

305  
00:17:44,230 --> 00:17:42,559  
he's the 36th district that's right here

306  
00:17:45,909 --> 00:17:44,240  
in this area

307  
00:17:48,270 --> 00:17:45,919  
he's going to say a few words

308  
00:18:03,430 --> 00:17:48,280  
congressman

309  
00:18:07,990 --> 00:18:05,990  
thank you administrator repeat after me

310  
00:18:12,230 --> 00:18:08,000  
i do solemnly swear that's where we're

311  
00:18:16,470 --> 00:18:13,990  
the administrator and i have had several

312  
00:18:18,950 --> 00:18:16,480  
conversations about uh getting funding

313  
00:18:20,230 --> 00:18:18,960

for our human space exploration and our

314

00:18:22,470 --> 00:18:20,240

programs and

315

00:18:24,630 --> 00:18:22,480

uh this should be a bipartisan effort

316

00:18:26,789 --> 00:18:24,640

and i promise you that we are working as

317

00:18:29,270 --> 00:18:26,799

hard as we can to do that

318

00:18:31,430 --> 00:18:29,280

uh it's my pleasure and my privilege to

319

00:18:33,909 --> 00:18:31,440

be here this morning and so incredibly

320

00:18:34,710 --> 00:18:33,919

proud to be standing here with uh with

321

00:18:36,630 --> 00:18:34,720

you

322

00:18:39,590 --> 00:18:36,640

wonderful folks and celebrate our newest

323

00:18:41,909 --> 00:18:39,600

class and nasa astronauts what a time it

324

00:18:42,710 --> 00:18:41,919

is for you to be joining the astronaut

325

00:18:44,150 --> 00:18:42,720

corps

326  
00:18:45,510 --> 00:18:44,160  
and these uh

327  
00:18:47,110 --> 00:18:45,520  
young

328  
00:18:49,669 --> 00:18:47,120  
ladies and gentlemen have been chosen

329  
00:18:51,990 --> 00:18:49,679  
literally from a cast of thousands

330  
00:18:54,070 --> 00:18:52,000  
and we're very proud of you once again

331  
00:18:57,510 --> 00:18:54,080  
we're launching american astronauts on

332  
00:18:59,510 --> 00:18:57,520  
americans rockets from american soil and

333  
00:19:02,150 --> 00:18:59,520  
before long we will be what we will be

334  
00:19:05,190 --> 00:19:02,160  
watching uh the most powerful

335  
00:19:08,230 --> 00:19:05,200  
launch vehicle ever known the space

336  
00:19:10,310 --> 00:19:08,240  
launch system and the orion the only

337  
00:19:12,310 --> 00:19:10,320  
spacecraft in the world capable of

338  
00:19:13,990 --> 00:19:12,320

exploring deep space

339

00:19:16,230 --> 00:19:14,000

clear the tower

340

00:19:17,190 --> 00:19:16,240

and hopefully you will be along for the

341

00:19:19,909 --> 00:19:17,200

ride

342

00:19:21,510 --> 00:19:19,919

as astronaut candidates i have no doubt

343

00:19:24,070 --> 00:19:21,520

that you will throw yourself into your

344

00:19:26,470 --> 00:19:24,080

training in preparation for that day in

345

00:19:28,710 --> 00:19:26,480

the not so distant future and when you

346

00:19:31,190 --> 00:19:28,720

were asked to carry out the goals of our

347

00:19:33,190 --> 00:19:31,200

great nation in congress i serve as the

348

00:19:35,590 --> 00:19:33,200

ranking member of the house space and

349

00:19:38,789 --> 00:19:35,600

aeronautics subcommittee and i represent

350

00:19:41,190 --> 00:19:38,799

the johnson space centers is as a a

351

00:19:43,029 --> 00:19:41,200

matter of of fact

352

00:19:46,390 --> 00:19:43,039

you have my solemn promise that i will

353

00:19:49,430 --> 00:19:46,400

do everything possible and in my power

354

00:19:51,270 --> 00:19:49,440

to ensure a robust space program

355

00:19:53,990 --> 00:19:51,280

that will be standing behind you the

356

00:19:56,470 --> 00:19:54,000

entire way when it comes to space my

357

00:19:59,350 --> 00:19:56,480

absolute highest priority is ensuring

358

00:20:02,310 --> 00:19:59,360

that america will continue to lead to

359

00:20:04,870 --> 00:20:02,320

discover and to achieve

360

00:20:08,390 --> 00:20:04,880

thank you lord he agrees with me

361

00:20:10,149 --> 00:20:08,400

i have great faith that you will enable

362

00:20:12,310 --> 00:20:10,159

us to do just that

363

00:20:14,390 --> 00:20:12,320

famed antarctic explorer ernest

364

00:20:17,830 --> 00:20:14,400

shackleton once said

365

00:20:20,310 --> 00:20:17,840

it is in our nature to explore to reach

366

00:20:23,830 --> 00:20:20,320

out into the unknown the only true

367

00:20:25,909 --> 00:20:23,840

failure would be to not explore at all

368

00:20:27,669 --> 00:20:25,919

and wearing the american flag on your

369

00:20:30,470 --> 00:20:27,679

shoulder and your sleeve you carry the

370

00:20:33,110 --> 00:20:30,480

hopes and dreams of our nation with you

371

00:20:34,789 --> 00:20:33,120

into that unknown and so thank you for

372

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

your willingness to explore

373

00:20:39,830 --> 00:20:37,440

congratulations on your selection and i

374

00:20:42,470 --> 00:20:39,840

look forward to seeing great things from

375

00:20:52,149 --> 00:20:42,480

you so mr administrator thank you very

376

00:20:58,070 --> 00:20:54,630

so i want to introduce congressman weber

377

00:21:00,070 --> 00:20:58,080

of texas 14th congressional district

378

00:21:02,230 --> 00:21:00,080

congressman

379

00:21:03,909 --> 00:21:02,240

thank you mr administrator it is indeed

380

00:21:05,750 --> 00:21:03,919

a pleasure to be here

381

00:21:07,350 --> 00:21:05,760

thank you for the those introductions as

382

00:21:09,669 --> 00:21:07,360

regarding the five billion dollars you

383

00:21:11,110 --> 00:21:09,679

have my commitment uh brian can handle

384

00:21:13,669 --> 00:21:11,120

most of that i'll kick a little money

385

00:21:15,909 --> 00:21:13,679

myself from time to time

386

00:21:17,830 --> 00:21:15,919

listen it's a great pleasure to be here

387

00:21:18,950 --> 00:21:17,840

we live in the greatest country in the

388

00:21:20,789 --> 00:21:18,960

world

389

00:21:25,990 --> 00:21:20,799

texas

390

00:21:29,270 --> 00:21:27,510

seriously we do we live in the greatest

391

00:21:31,029 --> 00:21:29,280

country in the world the united states

392

00:21:32,470 --> 00:21:31,039

of america and i know you all know that

393

00:21:33,750 --> 00:21:32,480

because you're here and you're part of

394

00:21:38,230 --> 00:21:33,760

it

395

00:21:40,549 --> 00:21:38,240

johnson space center too

396

00:21:47,510 --> 00:21:40,559

of what the finest we have to offer is

397

00:21:50,390 --> 00:21:48,950

we're going to i'm going to pass a hat a

398

00:21:52,630 --> 00:21:50,400

little later on so i got to get you all

399

00:21:55,270 --> 00:21:52,640

geared out so

400

00:21:58,390 --> 00:21:55,280

jsc is helping lead that way director

401  
00:22:01,190 --> 00:21:58,400  
vanessa white reminded us by the way of

402  
00:22:02,789 --> 00:22:01,200  
jfk's focus remember in 62 when he said

403  
00:22:05,190 --> 00:22:02,799  
we choose to we're going to put a man on

404  
00:22:06,950 --> 00:22:05,200  
the moon how many of y'all remember that

405  
00:22:08,390 --> 00:22:06,960  
some of y'all are old like i am you

406  
00:22:10,149 --> 00:22:08,400  
remember that

407  
00:22:11,590 --> 00:22:10,159  
well what if he said we just put a woman

408  
00:22:14,230 --> 00:22:11,600  
on the moon we'd have been a lot farther

409  
00:22:17,909 --> 00:22:14,240  
ahead at this point right we'd probably

410  
00:22:20,549 --> 00:22:17,919  
be at mars already right director

411  
00:22:23,990 --> 00:22:20,559  
administrator

412  
00:22:26,230 --> 00:22:24,000  
well nasa and jsc's record speaks for

413  
00:22:27,830 --> 00:22:26,240

itself i don't have to tell y'all y'all

414

00:22:30,789 --> 00:22:27,840

absolutely know that that's why you're

415

00:22:34,230 --> 00:22:30,799

hearing such a great show of support

416

00:22:36,070 --> 00:22:34,240

their ability to focus and make goals if

417

00:22:37,430 --> 00:22:36,080

you can make their goals that you can

418

00:22:39,270 --> 00:22:37,440

pardon the pun

419

00:22:41,270 --> 00:22:39,280

is out of this world

420

00:22:42,100 --> 00:22:41,280

they're good at it aren't they

421

00:22:47,350 --> 00:22:42,110

come on y'all

422

00:22:51,990 --> 00:22:49,430

and speaking of the finest that america

423

00:22:54,149 --> 00:22:52,000

has to offer this new group of astronaut

424

00:22:55,590 --> 00:22:54,159

candidates gives me a great deal of

425

00:22:57,110 --> 00:22:55,600

encouragement

426  
00:22:59,029 --> 00:22:57,120  
you know i remember reid we were talking

427  
00:23:02,070 --> 00:22:59,039  
in the back and he said that he has

428  
00:23:04,549 --> 00:23:02,080  
never seen so much excitement

429  
00:23:06,230 --> 00:23:04,559  
in the country as there is right now and

430  
00:23:07,990 --> 00:23:06,240  
i say amen

431  
00:23:11,590 --> 00:23:08,000  
i coined the phrase that's called

432  
00:23:13,909 --> 00:23:11,600  
togetherism nasa's togetherism we're

433  
00:23:15,590 --> 00:23:13,919  
bringing people groups countries we're

434  
00:23:17,590 --> 00:23:15,600  
bringing goals together we're helping

435  
00:23:18,630 --> 00:23:17,600  
stem we're helping young people to get

436  
00:23:21,110 --> 00:23:18,640  
excited

437  
00:23:22,870 --> 00:23:21,120  
you're seeing togetherism i'm 68 years

438  
00:23:25,270 --> 00:23:22,880

old i know i don't look that old more

439

00:23:26,870 --> 00:23:25,280

like 78 but anyway

440

00:23:29,510 --> 00:23:26,880

you're seeing young people get excited

441

00:23:31,510 --> 00:23:29,520

like you've never i've never seen before

442

00:23:37,430 --> 00:23:31,520

so that's exciting that gives me

443

00:23:43,430 --> 00:23:38,390

so

444

00:23:44,950 --> 00:23:43,440

you ladies and gentlemen that as america

445

00:23:46,230 --> 00:23:44,960

goes

446

00:23:48,549 --> 00:23:46,240

the world

447

00:23:51,909 --> 00:23:48,559

goes and i don't say that lightly

448

00:23:53,110 --> 00:23:51,919

for us to lead in space is absolutely

449

00:23:54,950 --> 00:23:53,120

paramount

450

00:23:56,870 --> 00:23:54,960

and what we do what we have where we're

451  
00:23:59,510 --> 00:23:56,880  
headed is what it's going to how it's

452  
00:24:01,830 --> 00:23:59,520  
going to be how the world perceives us

453  
00:24:04,310 --> 00:24:01,840  
how the world perceives us

454  
00:24:06,630 --> 00:24:04,320  
nasa actually helps bring us together

455  
00:24:09,029 --> 00:24:06,640  
not just that togetherism here but

456  
00:24:10,630 --> 00:24:09,039  
around the world and we see it we've got

457  
00:24:13,669 --> 00:24:10,640  
a couple of astronauts from across the

458  
00:24:15,990 --> 00:24:13,679  
big pond right there we see that

459  
00:24:18,310 --> 00:24:16,000  
this has helped this space

460  
00:24:20,310 --> 00:24:18,320  
our space goals helps y'all hear the

461  
00:24:22,549 --> 00:24:20,320  
rain

462  
00:24:24,230 --> 00:24:22,559  
notice that i didn't get no lightning

463  
00:24:26,310 --> 00:24:24,240

god wanted you all to hear what i have

464

00:24:27,190 --> 00:24:26,320

to say i'm just saying that from my

465

00:24:29,990 --> 00:24:27,200

friends

466

00:24:31,510 --> 00:24:30,000

so it helps us with national defense it

467

00:24:34,630 --> 00:24:31,520

helps us with our economy it helps us

468

00:24:37,029 --> 00:24:34,640

with stem it helps in so many ways so

469

00:24:38,870 --> 00:24:37,039

hats off to nasa hats off to

470

00:24:42,710 --> 00:24:38,880

administrator nelson director watch on

471

00:24:48,950 --> 00:24:42,720

the whole nasa team and let's well give

472

00:24:53,029 --> 00:24:51,190

i do want to pick one thing miss vanessa

473

00:24:55,190 --> 00:24:53,039

said she said the families are moving to

474

00:24:56,950 --> 00:24:55,200

houston just so you all know you know

475

00:24:58,870 --> 00:24:56,960

i'm the congressman from galveston

476

00:25:01,510 --> 00:24:58,880

county we are taking applications in

477

00:25:03,110 --> 00:25:01,520

galveston county families just just so

478

00:25:05,750 --> 00:25:03,120

they know norm

479

00:25:08,549 --> 00:25:05,760

seriously we couldn't be more prouder we

480

00:25:09,669 --> 00:25:08,559

couldn't be more prouder of you all

481

00:25:12,870 --> 00:25:09,679

and

482

00:25:16,230 --> 00:25:12,880

just an unbelievable day congratulations

483

00:25:17,909 --> 00:25:16,240

hats off good job well done we're

484

00:25:28,149 --> 00:25:17,919

looking for the best to come thank you

485

00:25:34,549 --> 00:25:31,430

now it's my privilege

486

00:25:38,549 --> 00:25:34,559

to introduce a role model

487

00:25:43,350 --> 00:25:39,909

in fact

488

00:25:46,070 --> 00:25:43,360

she was just inducted into the astronaut

489

00:25:47,750 --> 00:25:46,080

hall of fame

490

00:25:50,470 --> 00:25:47,760

pam melroy

491

00:25:51,990 --> 00:25:50,480

served as the pilot on two missions and

492

00:25:53,669 --> 00:25:52,000

the commander

493

00:25:55,350 --> 00:25:53,679

on another

494

00:25:58,390 --> 00:25:55,360

and before that

495

00:26:02,149 --> 00:25:58,400

she was the third woman to graduate from

496

00:26:04,230 --> 00:26:02,159

the u.s air force test pilot school

497

00:26:07,669 --> 00:26:04,240

she's a trailblazer

498

00:26:10,180 --> 00:26:07,679

a visionary and a remarkable

499

00:26:11,510 --> 00:26:10,190

nasa deputy administrator

500

00:26:14,549 --> 00:26:11,520

[Music]

501  
00:26:18,310 --> 00:26:14,559  
she along with bob cabana

502  
00:26:22,230 --> 00:26:18,320  
are great co-leaders with me

503  
00:26:25,350 --> 00:26:22,240  
as we try to forge a path in the future

504  
00:26:33,930 --> 00:26:25,360  
please give a warm welcome to deputy

505  
00:26:37,950 --> 00:26:35,750  
[Music]

506  
00:26:39,830 --> 00:26:37,960  
oh my gosh this is so awesome

507  
00:26:42,470 --> 00:26:39,840  
congratulations i'll tell you what's

508  
00:26:45,669 --> 00:26:42,480  
overwhelming is just

509  
00:26:47,669 --> 00:26:45,679  
uh how it how many memories it brings

510  
00:26:51,190 --> 00:26:47,679  
back so i'll tell you a story

511  
00:26:54,149 --> 00:26:51,200  
27 years ago tomorrow i got the phone

512  
00:26:56,149 --> 00:26:54,159  
call and uh i was a test pilot at

513  
00:26:57,830 --> 00:26:56,159

edwards air force base i was finishing

514

00:26:59,029 --> 00:26:57,840

up my breakfast in the kitchen and i got

515

00:27:01,590 --> 00:26:59,039

a phone call

516

00:27:03,669 --> 00:27:01,600

from astronaut dave listma who was then

517

00:27:06,230 --> 00:27:03,679

the head of fcod

518

00:27:07,909 --> 00:27:06,240

and uh i i couldn't believe it my heart

519

00:27:09,590 --> 00:27:07,919

was pounding i was really excited and

520

00:27:11,590 --> 00:27:09,600

then i had to go to work

521

00:27:15,750 --> 00:27:11,600

but the last thing dave said to me is

522

00:27:18,389 --> 00:27:15,760

and you can't tell anyone until we do do

523

00:27:21,110 --> 00:27:18,399

the big thing so i went okay can't tell

524

00:27:23,590 --> 00:27:21,120

anybody can't tell anybody i walked into

525

00:27:25,750 --> 00:27:23,600

my squadron and all of my test pilot

526

00:27:28,630 --> 00:27:25,760

colleagues took one look at me and said

527

00:27:30,389 --> 00:27:28,640

you got the phone call

528

00:27:33,029 --> 00:27:30,399

i'm like thank you so much i'm fired

529

00:27:34,950 --> 00:27:33,039

already

530

00:27:37,110 --> 00:27:34,960

i said no no no no no and they said no

531

00:27:40,310 --> 00:27:37,120

you you can't you can't hide it your

532

00:27:41,430 --> 00:27:40,320

face is lit up like a candle and i think

533

00:27:43,269 --> 00:27:41,440

i know

534

00:27:45,350 --> 00:27:43,279

that you will all remember that phone

535

00:27:48,950 --> 00:27:45,360

call and here's how i know

536

00:27:50,630 --> 00:27:48,960

my ass can class 1995

537

00:27:53,190 --> 00:27:50,640

when we were trying to master the

538

00:27:55,269 --> 00:27:53,200

intricacies of the space shuttle

539

00:27:56,789 --> 00:27:55,279

particularly the propulsion system and

540

00:27:59,510 --> 00:27:56,799

we started to get maybe a little

541

00:28:01,750 --> 00:27:59,520

discouraged what we would do is we would

542

00:28:04,149 --> 00:28:01,760

all go together over to space center

543

00:28:05,669 --> 00:28:04,159

houston and there was a movie called to

544

00:28:07,430 --> 00:28:05,679

be an astronaut

545

00:28:09,430 --> 00:28:07,440

and it basically was the whole journey

546

00:28:11,830 --> 00:28:09,440

it was from the phone call all the way

547

00:28:14,630 --> 00:28:11,840

through training to flying in space and

548

00:28:17,110 --> 00:28:14,640

it just lifted our spirits and always

549

00:28:18,710 --> 00:28:17,120

made us remember that phone call was the

550

00:28:21,990 --> 00:28:18,720

beginning of the journey so i know

551

00:28:24,389 --> 00:28:22,000

you're going to remember that moment too

552

00:28:26,470 --> 00:28:24,399

it was an extraordinary experience to be

553

00:28:28,470 --> 00:28:26,480

a part of that generation of astronauts

554

00:28:31,350 --> 00:28:28,480

my generation built the international

555

00:28:33,350 --> 00:28:31,360

space station and that was a remarkable

556

00:28:34,549 --> 00:28:33,360

achievement and an amazing set of

557

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

challenges

558

00:28:39,909 --> 00:28:36,240

but i also want to point out that at

559

00:28:41,909 --> 00:28:39,919

that time there were two human space

560

00:28:45,269 --> 00:28:41,919

spacecraft in the world the space

561

00:28:48,549 --> 00:28:45,279

shuttle and the soyuz and that was it

562

00:28:52,070 --> 00:28:48,559

in the last decade thanks to nasa's

563

00:28:53,830 --> 00:28:52,080

previous investments but also nurturing

564

00:28:56,230 --> 00:28:53,840

and sponsoring

565

00:28:58,789 --> 00:28:56,240

of american industry

566

00:29:02,230 --> 00:28:58,799

now the envy of the world

567

00:29:05,110 --> 00:29:02,240

we have multiple human spacecraft so

568

00:29:08,310 --> 00:29:05,120

it's never been a more exciting time to

569

00:29:09,669 --> 00:29:08,320

embark on your career

570

00:29:12,230 --> 00:29:09,679

and artemis

571

00:29:15,269 --> 00:29:12,240

that is so exciting we cannot wait to

572

00:29:17,110 --> 00:29:15,279

see that first human-capable deep space

573

00:29:21,269 --> 00:29:17,120

craft since apollo

574

00:29:23,830 --> 00:29:21,279

go on its maiden test voyage next year

575

00:29:25,990 --> 00:29:23,840

but i just want to tell you that we're

576

00:29:28,630 --> 00:29:26,000

not going to rest on the laurel laurels

577

00:29:31,510 --> 00:29:28,640

of the last decade the administrator the

578

00:29:34,070 --> 00:29:31,520

associate administrator myself

579

00:29:37,830 --> 00:29:34,080

all the senior leadership of the agency

580

00:29:41,430 --> 00:29:37,840

is very focused on building a blueprint

581

00:29:43,350 --> 00:29:41,440

for how we will explore with humans

582

00:29:46,630 --> 00:29:43,360

not just to the moon

583

00:29:48,310 --> 00:29:46,640

not just onto mars but figuring out the

584

00:29:50,710 --> 00:29:48,320

blueprint for how we're going to go into

585

00:29:52,950 --> 00:29:50,720

the solar system that is what we are

586

00:29:54,710 --> 00:29:52,960

focused on right now we're going to

587

00:29:55,590 --> 00:29:54,720

practice on the moon we're going to

588

00:29:57,590 --> 00:29:55,600

learn

589

00:30:00,230 --> 00:29:57,600

and we're going to push out

590

00:30:02,950 --> 00:30:00,240

and that will be your generation

591

00:30:05,430 --> 00:30:02,960

and i am so excited

592

00:30:09,350 --> 00:30:05,440

congratulations i can't wait to support

593

00:30:11,350 --> 00:30:09,360

you and cheer you on in your journey

594

00:30:14,230 --> 00:30:11,360

and now i'd like to introduce our

595

00:30:15,990 --> 00:30:14,240

associate administrator my former boss

596

00:30:26,950 --> 00:30:16,000

is the chief of the astronaut office

597

00:30:32,230 --> 00:30:29,269

thank you pam it is uh great to be home

598

00:30:34,630 --> 00:30:32,240

in houston and it's really great to be

599

00:30:37,110 --> 00:30:34,640

here at aircraft operations where the

600

00:30:39,510 --> 00:30:37,120

finest aircraft maintainers in the world

601  
00:30:41,590 --> 00:30:39,520  
work and i gotta say

602  
00:30:43,430 --> 00:30:41,600  
i do miss flying those sleek little jets

603  
00:30:44,230 --> 00:30:43,440  
that are behind us

604  
00:30:46,630 --> 00:30:44,240  
uh

605  
00:30:49,350 --> 00:30:46,640  
i i can't believe it's been 36 years

606  
00:30:51,269 --> 00:30:49,360  
since i was where you guys are

607  
00:30:52,230 --> 00:30:51,279  
and all my nasa career was in front of

608  
00:30:54,789 --> 00:30:52,240  
me

609  
00:30:57,830 --> 00:30:54,799  
it was absolutely amazing

610  
00:31:00,630 --> 00:30:57,840  
and i just got to say congratulations to

611  
00:31:02,389 --> 00:31:00,640  
all of you you know when i think of what

612  
00:31:04,789 --> 00:31:02,399  
i went through and where you guys are

613  
00:31:06,789 --> 00:31:04,799

now it it's just every the world is in

614

00:31:08,230 --> 00:31:06,799

front of you i am so glad i got selected

615

00:31:10,149 --> 00:31:08,240

when i did because i'm not sure i'd have

616

00:31:12,549 --> 00:31:10,159

been competitive competing against all

617

00:31:15,750 --> 00:31:12,559

you you guys are absolutely amazing

618

00:31:18,389 --> 00:31:15,760

and i'm really envious of what lies in

619

00:31:21,110 --> 00:31:18,399

front of you you know as we we return to

620

00:31:22,389 --> 00:31:21,120

the moon in a sustainable way paving the

621

00:31:24,710 --> 00:31:22,399

way towards mars we're going to

622

00:31:26,789 --> 00:31:24,720

establish a presence in our solar system

623

00:31:28,470 --> 00:31:26,799

beyond our home planet and you guys are

624

00:31:30,389 --> 00:31:28,480

the ones who are going to get to do that

625

00:31:32,870 --> 00:31:30,399

i think it's absolutely awesome when i

626

00:31:34,470 --> 00:31:32,880

think back to uh my astronaut candidate

627

00:31:36,149 --> 00:31:34,480

year one of the things that impressed me

628

00:31:39,190 --> 00:31:36,159

the most about it that i enjoyed the

629

00:31:41,350 --> 00:31:39,200

most it was the camaraderie of my class

630

00:31:43,269 --> 00:31:41,360

and and the teamwork and it was the

631

00:31:44,549 --> 00:31:43,279

people that we got to work with i mean

632

00:31:46,389 --> 00:31:44,559

when i had a question i mean my

633

00:31:48,149 --> 00:31:46,399

background was engineering and flying

634

00:31:50,230 --> 00:31:48,159

being a test pilot but i was working

635

00:31:52,630 --> 00:31:50,240

with phds and in physics and

636

00:31:54,710 --> 00:31:52,640

astrophysics and oceanography and that

637

00:31:56,789 --> 00:31:54,720

intermingling of thought and diversity

638

00:31:59,430 --> 00:31:56,799

was just absolutely outstanding i was

639

00:32:01,590 --> 00:31:59,440

trained in geology by dr bill mullberger

640

00:32:03,990 --> 00:32:01,600

who who trained the apollo astronauts in

641

00:32:06,310 --> 00:32:04,000

geology and i just i really enjoyed that

642

00:32:07,590 --> 00:32:06,320

you are just going to have a great time

643

00:32:09,350 --> 00:32:07,600

and the only thing that's going to top

644

00:32:10,630 --> 00:32:09,360

it is when you get that first space

645

00:32:12,190 --> 00:32:10,640

flight and that is going to be

646

00:32:16,470 --> 00:32:12,200

absolutely

647

00:32:18,310 --> 00:32:16,480

amazing uh i was uh i was talking to uh

648

00:32:20,149 --> 00:32:18,320

bob benkin who was a chief of the

649

00:32:22,950 --> 00:32:20,159

astronaut office not too long ago before

650

00:32:24,710 --> 00:32:22,960

this all started i said bob you know he

651  
00:32:27,509 --> 00:32:24,720  
asked me how my job was going and i said

652  
00:32:30,149 --> 00:32:27,519  
i absolutely love it bob working with

653  
00:32:31,990 --> 00:32:30,159  
senator nelson and pam is absolutely

654  
00:32:33,750 --> 00:32:32,000  
amazing this is a critical time for our

655  
00:32:34,470 --> 00:32:33,760  
nation's space program i said but you

656  
00:32:36,710 --> 00:32:34,480  
know

657  
00:32:38,310 --> 00:32:36,720  
i have not worked this hard or put this

658  
00:32:39,830 --> 00:32:38,320  
many hours in

659  
00:32:42,389 --> 00:32:39,840  
since i was chief of the astronaut

660  
00:32:44,230 --> 00:32:42,399  
office and bob can appreciate that

661  
00:32:45,669 --> 00:32:44,240  
and so could the next person who i'm

662  
00:32:47,669 --> 00:32:45,679  
going to introduce that was probably one

663  
00:32:50,310 --> 00:32:47,679

of the most challenging jobs i had in my

664

00:32:52,149 --> 00:32:50,320

nasa career and it's my pleasure now to

665

00:32:54,070 --> 00:32:52,159

introduce the current chief of the

666

00:32:56,789 --> 00:32:54,080

astronaut office

667

00:32:59,509 --> 00:32:56,799

a distinguished naval aviator test pilot

668

00:33:02,549 --> 00:32:59,519

uh flew in space for six months on

669

00:33:05,029 --> 00:33:02,559

expedition 41 led two space walks he's

670

00:33:19,190 --> 00:33:05,039

an outstanding leader a really nice guy

671

00:33:21,750 --> 00:33:20,549

all right so there's some prepared words

672

00:33:22,920 --> 00:33:21,760

here and i'm not going to read any of

673

00:33:24,789 --> 00:33:22,930

them

674

00:33:27,590 --> 00:33:24,799

[Music]

675

00:33:30,149 --> 00:33:27,600

sitting before us we have

676  
00:33:31,190 --> 00:33:30,159  
10 americans 10 of our nation's absolute

677  
00:33:33,830 --> 00:33:31,200  
finest

678  
00:33:36,070 --> 00:33:33,840  
and uh you have got a

679  
00:33:37,350 --> 00:33:36,080  
huge huge next few years of work ahead

680  
00:33:39,909 --> 00:33:37,360  
of you and it's going to be absolutely

681  
00:33:41,190 --> 00:33:39,919  
awesome last night i got to meet

682  
00:33:42,230 --> 00:33:41,200  
most of the family members of these

683  
00:33:44,710 --> 00:33:42,240  
folks

684  
00:33:45,830 --> 00:33:44,720  
and i recognize very very quickly very

685  
00:33:47,830 --> 00:33:45,840  
quickly

686  
00:33:49,590 --> 00:33:47,840  
they have all worked hard

687  
00:33:51,269 --> 00:33:49,600  
but they have been raised well and they

688  
00:33:53,269 --> 00:33:51,279

have been supported well

689

00:33:54,710 --> 00:33:53,279

so i want to take a second to thank all

690

00:34:08,149 --> 00:33:54,720

their parents their brothers their

691

00:34:11,349 --> 00:34:09,669

i want to thank their spouses their

692

00:34:13,990 --> 00:34:11,359

children i want to thank the uncle who

693

00:34:16,069 --> 00:34:14,000

stepped in and took over when when he

694

00:34:17,669 --> 00:34:16,079

knew it was necessary like these people

695

00:34:19,829 --> 00:34:17,679

these families getting to meet and

696

00:34:21,510 --> 00:34:19,839

interact with them it warms your heart

697

00:34:23,829 --> 00:34:21,520

you know why our nation is good and you

698

00:34:25,109 --> 00:34:23,839

know why they were selected

699

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

so i think we're just going to take a

700

00:34:28,629 --> 00:34:26,879

few quick minutes

701  
00:34:30,069 --> 00:34:28,639  
because i want to hear from them so

702  
00:34:32,149 --> 00:34:30,079  
we're going to start with uh start with

703  
00:34:33,589 --> 00:34:32,159  
jessica and uh

704  
00:34:35,750 --> 00:34:33,599  
and you know before jessica before i let

705  
00:34:38,230 --> 00:34:35,760  
you go i i do want to echo one thing

706  
00:34:40,869 --> 00:34:38,240  
that pretty much everyone has said

707  
00:34:42,950 --> 00:34:40,879  
we are in the golden age right now of

708  
00:34:44,470 --> 00:34:42,960  
human spaceflight we have private

709  
00:34:46,310 --> 00:34:44,480  
missions going

710  
00:34:47,829 --> 00:34:46,320  
out into low earth orbit we have the

711  
00:34:49,909 --> 00:34:47,839  
international space station conducting

712  
00:34:51,349 --> 00:34:49,919  
research trying to better life here on

713  
00:34:53,430 --> 00:34:51,359

earth we have the artemis program going

714

00:34:55,430 --> 00:34:53,440

to the moon and then on to mars this

715

00:34:57,510 --> 00:34:55,440

right now just take a step back with

716

00:34:59,430 --> 00:34:57,520

these explorers up here and recognize

717

00:35:01,910 --> 00:34:59,440

this right now is the golden age of

718

00:35:03,910 --> 00:35:01,920

human space flight and with that jessica

719

00:35:05,910 --> 00:35:03,920

uh when did you first become interested

720

00:35:07,910 --> 00:35:05,920

in being an astronaut

721

00:35:10,150 --> 00:35:07,920

yes so i first became interested in

722

00:35:12,790 --> 00:35:10,160

becoming an astronaut at a very

723

00:35:15,030 --> 00:35:12,800

very early age i was that little girl in

724

00:35:17,109 --> 00:35:15,040

school who would play with rockets at

725

00:35:18,390 --> 00:35:17,119

the park by the house and love science

726

00:35:21,349 --> 00:35:18,400

class

727

00:35:22,870 --> 00:35:21,359

i i love to learn why and how things

728

00:35:25,349 --> 00:35:22,880

worked the way that they worked i became

729

00:35:26,150 --> 00:35:25,359

a mechanic in an earlier life

730

00:35:27,270 --> 00:35:26,160

and

731

00:35:29,109 --> 00:35:27,280

when i found out that there was a

732

00:35:31,750 --> 00:35:29,119

profession that combined all of these

733

00:35:33,589 --> 00:35:31,760

things i i was hooked so i was hooked

734

00:35:36,310 --> 00:35:33,599

right from the get-go

735

00:35:38,550 --> 00:35:36,320

every step of my career from then on out

736

00:35:40,790 --> 00:35:38,560

had this goal in mind of standing here

737

00:35:42,950 --> 00:35:40,800

today as a nasa astronaut candidate with

738

00:35:44,950 --> 00:35:42,960

all of my teammates i'm extremely

739

00:35:47,589 --> 00:35:44,960

excited to be part of this team very

740

00:35:49,109 --> 00:35:47,599

honored to be standing up here today and

741

00:35:50,630 --> 00:35:49,119

uh and i'm really excited for all the

742

00:35:59,829 --> 00:35:50,640

things that nasa has planned for us in

743

00:36:02,550 --> 00:36:01,270

when you get on the space station you

744

00:36:04,470 --> 00:36:02,560

will know those mechanics skills will

745

00:36:06,390 --> 00:36:04,480

come in very handy every single day in

746

00:36:08,790 --> 00:36:06,400

our orbiting uh platform up there uh

747

00:36:10,230 --> 00:36:08,800

denise who inspires you

748

00:36:11,910 --> 00:36:10,240

all right y'all my mom is in the

749

00:36:13,790 --> 00:36:11,920

audience so i'm going to put her on the

750

00:36:19,109 --> 00:36:13,800

spot

751

00:36:23,910 --> 00:36:20,790

so her childhood dream was to be a

752

00:36:26,069 --> 00:36:23,920

military officer well at the time

753

00:36:27,990 --> 00:36:26,079

in turkey it was not allowed for women

754

00:36:30,150 --> 00:36:28,000

so as a little girl i got to watch my

755

00:36:31,349 --> 00:36:30,160

mom graduate college i got to watch her

756

00:36:32,950 --> 00:36:31,359

commission as an officer in the united

757

00:36:35,109 --> 00:36:32,960

states air force

758

00:36:36,710 --> 00:36:35,119

she taught me how to dream big and as

759

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

long as you stay the course you can

760

00:36:40,230 --> 00:36:38,320

achieve anything

761

00:36:41,589 --> 00:36:40,240

that's what inspired me not to give up

762

00:36:50,230 --> 00:36:41,599

on my own childhood dream of becoming a

763

00:36:54,310 --> 00:36:51,109

that is

764

00:36:55,190 --> 00:36:54,320

that's awesome thank you uh chris uh

765

00:36:56,790 --> 00:36:55,200

what were you doing before you got

766

00:36:59,190 --> 00:36:56,800

selected as an astronaut

767

00:37:00,790 --> 00:36:59,200

yeah uh so uh before i got selected as a

768

00:37:02,870 --> 00:37:00,800

nasa astronaut i was working as a

769

00:37:04,069 --> 00:37:02,880

medical physicist at the brigham women's

770

00:37:05,990 --> 00:37:04,079

hospital and dana farber cancer

771

00:37:07,829 --> 00:37:06,000

institute in boston and what that means

772

00:37:09,670 --> 00:37:07,839

is i was sort of splitting my time

773

00:37:11,670 --> 00:37:09,680

between uh helping to research better

774

00:37:13,670 --> 00:37:11,680

ways we can target radiation therapy for

775

00:37:16,069 --> 00:37:13,680

cancer and then actually working as part

776

00:37:17,670 --> 00:37:16,079

of a team a multi-disciplinary team to

777

00:37:19,030 --> 00:37:17,680

to treat patients

778

00:37:20,950 --> 00:37:19,040

and so while it's a little bit

779

00:37:23,190 --> 00:37:20,960

bittersweet to leave the incredible team

780

00:37:24,870 --> 00:37:23,200

that i i worked with at the hospital i'm

781

00:37:26,950 --> 00:37:24,880

just honored and

782

00:37:28,950 --> 00:37:26,960

and incredibly excited to join the nasa

783

00:37:38,310 --> 00:37:28,960

team and these wonderful people to to

784

00:37:40,950 --> 00:37:39,910

i think pam was safe but you and i were

785

00:37:44,390 --> 00:37:40,960

definitely in jeopardy if we were

786

00:37:45,589 --> 00:37:44,400

applying uh all right uh christina what

787

00:37:46,710 --> 00:37:45,599

would you say to young people who are

788

00:37:48,950 --> 00:37:46,720

interested in following in your

789

00:37:51,190 --> 00:37:48,960

footsteps

790

00:37:53,349 --> 00:37:51,200

well as you can see from my incredible

791

00:37:56,069 --> 00:37:53,359

classmates seated here beside me there's

792

00:37:58,230 --> 00:37:56,079

really no one path to becoming a nasa

793

00:37:59,910 --> 00:37:58,240

astronaut candidate and you know you

794

00:38:01,510 --> 00:37:59,920

might think that that my path as a

795

00:38:03,430 --> 00:38:01,520

bioengineer and a cyclist is a little

796

00:38:05,670 --> 00:38:03,440

bit out there but it was really all of

797

00:38:07,990 --> 00:38:05,680

those skills that i gained from those

798

00:38:10,230 --> 00:38:08,000

experiences that helped me get here

799

00:38:11,750 --> 00:38:10,240

and so i think my my advice would be to

800

00:38:13,510 --> 00:38:11,760

find something that you're really

801  
00:38:16,630 --> 00:38:13,520  
interested in really curious about

802  
00:38:19,190 --> 00:38:16,640  
passionate about and explore that deeply

803  
00:38:21,510 --> 00:38:19,200  
and i think if you approach every day

804  
00:38:23,430 --> 00:38:21,520  
trying to do the little things well

805  
00:38:25,349 --> 00:38:23,440  
they will add up to something really big

806  
00:38:35,430 --> 00:38:25,359  
and that might be sitting here someday

807  
00:38:39,589 --> 00:38:37,670  
all right jack what excites you uh about

808  
00:38:41,030 --> 00:38:39,599  
human space flight right now

809  
00:38:42,790 --> 00:38:41,040  
it's kind of a tough question to answer

810  
00:38:44,630 --> 00:38:42,800  
because uh there's so much that's

811  
00:38:46,950 --> 00:38:44,640  
exciting about human spaceflight right

812  
00:38:48,630 --> 00:38:46,960  
now as everyone has mentioned so far

813  
00:38:50,870 --> 00:38:48,640

there's commercial space flight going on

814

00:38:52,630 --> 00:38:50,880

commercial space exploration nasa's

815

00:38:54,310 --> 00:38:52,640

artemis program is going on potentially

816

00:38:56,150 --> 00:38:54,320

go to the moon and then on to mars

817

00:38:58,470 --> 00:38:56,160

there's just so much that's going on

818

00:39:00,230 --> 00:38:58,480

right now that's just so very exciting i

819

00:39:02,230 --> 00:39:00,240

just i can't put my finger on one thing

820

00:39:04,390 --> 00:39:02,240

i'm excited about it all i'm excited

821

00:39:05,910 --> 00:39:04,400

about the speed that it's happening at

822

00:39:07,990 --> 00:39:05,920

who knows where we're going to be in 5

823

00:39:09,829 --> 00:39:08,000

10 or 15 years because technology is

824

00:39:12,230 --> 00:39:09,839

changing so quickly there's so much

825

00:39:13,910 --> 00:39:12,240

support for the space program out there

826

00:39:15,190 --> 00:39:13,920

right now that uh we really can do

827

00:39:17,190 --> 00:39:15,200

anything in the amount of time that we

828

00:39:19,349 --> 00:39:17,200

have and i'm just so excited uh with all

829

00:39:22,150 --> 00:39:19,359

my astronaut candidate colleagues uh to

830

00:39:23,829 --> 00:39:22,160

work with you guys uh to to uh have this

831

00:39:32,630 --> 00:39:23,839

adventure and see where man space flight

832

00:39:35,430 --> 00:39:33,990

all right before i ask andre this

833

00:39:37,829 --> 00:39:35,440

question i got to meet his dad last

834

00:39:39,990 --> 00:39:37,839

night if anybody needs a new best friend

835

00:39:41,670 --> 00:39:40,000

please find out on plea please find

836

00:39:47,589 --> 00:39:41,680

andre's dad he is just a great man i can

837

00:39:51,030 --> 00:39:49,270

all right andre

838

00:39:53,589 --> 00:39:51,040

sorry to put you on the spot what does

839

00:39:54,390 --> 00:39:53,599

it mean to be a nasa astronaut

840

00:39:57,190 --> 00:39:54,400

so

841

00:40:00,870 --> 00:39:57,200

a nasa astronaut is not afraid of

842

00:40:03,030 --> 00:40:00,880

challenges or solving complex problems

843

00:40:05,349 --> 00:40:03,040

they're explorers that are ready to

844

00:40:07,829 --> 00:40:05,359

unlock the secrets of our universe for

845

00:40:09,190 --> 00:40:07,839

the betterment of humankind but most

846

00:40:12,550 --> 00:40:09,200

importantly

847

00:40:16,630 --> 00:40:12,560

they are team players that collaborate

848

00:40:19,349 --> 00:40:16,640

with contractors people organizations

849

00:40:30,069 --> 00:40:19,359

and international partners to further

850

00:40:33,349 --> 00:40:31,430

all right nicole with the biggest fan

851

00:40:34,950 --> 00:40:33,359

club out there what aspect of training

852

00:40:36,150 --> 00:40:34,960

are you looking forward to

853

00:40:38,230 --> 00:40:36,160

as you can

854

00:40:40,230 --> 00:40:38,240

see the common theme is uh being part of

855

00:40:42,230 --> 00:40:40,240

a team so i cannot wait to get to know

856

00:40:43,990 --> 00:40:42,240

my new team members um

857

00:40:45,109 --> 00:40:44,000

you know i wouldn't be up here today and

858

00:40:46,630 --> 00:40:45,119

i wouldn't be where i am without the

859

00:40:48,230 --> 00:40:46,640

teammates who have stood next to me

860

00:40:49,670 --> 00:40:48,240

throughout all of it uh you know to

861

00:40:50,829 --> 00:40:49,680

include my college volleyball teammates

862

00:40:53,109 --> 00:40:50,839

who are here in the

863

00:40:55,349 --> 00:40:53,119

stands um

864

00:40:57,510 --> 00:40:55,359

yeah but the uh the f22 pilot enemy has

865

00:40:59,030 --> 00:40:57,520

to say flying i think learning the t-38

866

00:41:00,630 --> 00:40:59,040

again and not only just flying but

867

00:41:02,390 --> 00:41:00,640

getting to share my love of flying with

868

00:41:04,630 --> 00:41:02,400

my classmates and then also getting to

869

00:41:06,870 --> 00:41:04,640

learn them as we fly together and

870

00:41:08,630 --> 00:41:06,880

getting to know each other i can't wait

871

00:41:10,150 --> 00:41:08,640

to get to know everybody and start to

872

00:41:12,550 --> 00:41:10,160

learn all the different aspects of space

873

00:41:13,990 --> 00:41:12,560

flight and how us as the nasa

874

00:41:15,980 --> 00:41:14,000

nasa astronaut candidates are going to

875

00:41:23,990 --> 00:41:15,990

further human space flight

876

00:41:26,069 --> 00:41:24,000

[Applause]

877

00:41:29,190 --> 00:41:26,079

uh marcos what what future missions are

878

00:41:31,270 --> 00:41:29,200

you most excited about uh and why

879

00:41:33,670 --> 00:41:31,280

so any mission that i can be assigned to

880

00:41:35,589 --> 00:41:33,680

can i answer

881

00:41:37,910 --> 00:41:35,599

can i uh hold you to what i'm about to

882

00:41:39,510 --> 00:41:37,920

say absolutely all right so maybe so i

883

00:41:41,990 --> 00:41:39,520

know i have uh two brothers in the

884

00:41:43,190 --> 00:41:42,000

audience who are probably thinking uh

885

00:41:45,109 --> 00:41:43,200

so you're telling me there's a chance

886

00:41:48,710 --> 00:41:45,119

here so i i like it so i'm gonna go big

887

00:41:50,950 --> 00:41:48,720

here i think it would be great if nasa

888

00:41:52,950 --> 00:41:50,960

could scale up the ingenuity helicopter

889

00:41:55,030 --> 00:41:52,960

that's currently flying on mars

890

00:41:56,550 --> 00:41:55,040

to maybe you know fit two people i know

891

00:41:58,069 --> 00:41:56,560

dennis the other helicopter pilot here

892

00:42:07,910 --> 00:41:58,079

and i would love to take a first spin

893

00:42:11,030 --> 00:42:08,870

all right you could definitely hold me

894

00:42:13,589 --> 00:42:11,040

to that and i will ride with you anytime

895

00:42:14,790 --> 00:42:13,599

uh luke you come to us from nasa langley

896

00:42:16,230 --> 00:42:14,800

can you talk a little bit about your

897

00:42:18,710 --> 00:42:16,240

work there and how it's helping our nasa

898

00:42:20,630 --> 00:42:18,720

missions yeah absolutely since checking

899

00:42:23,270 --> 00:42:20,640

in over at nasa langley they have been

900

00:42:25,910 --> 00:42:23,280

doing all kinds of activities we got

901  
00:42:28,069 --> 00:42:25,920  
advancement for aviation safety

902  
00:42:29,670 --> 00:42:28,079  
space technology development and a lot

903  
00:42:31,829 --> 00:42:29,680  
of atmospheric science work a lot of

904  
00:42:33,829 --> 00:42:31,839  
research going on

905  
00:42:35,750 --> 00:42:33,839  
just taking apart in some of those

906  
00:42:37,829 --> 00:42:35,760  
airborne science missions modifying

907  
00:42:39,990 --> 00:42:37,839  
aircraft with specialized sensors and

908  
00:42:42,470 --> 00:42:40,000  
instruments going out there collecting

909  
00:42:44,550 --> 00:42:42,480  
atmospheric data in all regions and and

910  
00:42:46,470 --> 00:42:44,560  
levels of the atmosphere

911  
00:42:48,790 --> 00:42:46,480  
ultimately that data is being gathered

912  
00:42:51,589 --> 00:42:48,800  
and it's going to inform decisions on on

913  
00:42:53,670 --> 00:42:51,599

climate change uh the environment and a

914

00:42:55,109 --> 00:42:53,680

better understanding of the planet so

915

00:42:56,390 --> 00:42:55,119

going from that earth science mission

916

00:43:09,030 --> 00:42:56,400

coming over to the space mission with

917

00:43:11,750 --> 00:43:10,550

all right anell our doctor in the group

918

00:43:16,069 --> 00:43:11,760

tell us about the future of space

919

00:43:17,829 --> 00:43:16,079

medicine future space medicine let's see

920

00:43:19,349 --> 00:43:17,839

future space medicine is really exciting

921

00:43:20,790 --> 00:43:19,359

and what i'm excited about is all the

922

00:43:23,270 --> 00:43:20,800

opportunities

923

00:43:26,470 --> 00:43:23,280

that are rapidly expanding i got my

924

00:43:28,790 --> 00:43:26,480

start here at nasa at johnson space

925

00:43:29,670 --> 00:43:28,800

center as a flight doctor and there was

926

00:43:31,990 --> 00:43:29,680

10

927

00:43:33,750 --> 00:43:32,000

20 doctors at that time point and then

928

00:43:35,190 --> 00:43:33,760

there was one spot that opened up at a

929

00:43:37,349 --> 00:43:35,200

commercial partner and i was lucky

930

00:43:39,190 --> 00:43:37,359

enough to work there

931

00:43:41,670 --> 00:43:39,200

that was three years ago in those three

932

00:43:42,710 --> 00:43:41,680

years i've seen medical students

933

00:43:44,069 --> 00:43:42,720

residents

934

00:43:45,589 --> 00:43:44,079

paramedics

935

00:43:47,349 --> 00:43:45,599

physicians assistants all get

936

00:43:49,510 --> 00:43:47,359

opportunities and those are jobs working

937

00:43:51,750 --> 00:43:49,520

in commercial space working with nasa

938

00:43:55,109 --> 00:43:51,760

taking care of astronauts

939

00:43:56,710 --> 00:43:55,119

so as a as a future nasa astronaut i'm

940

00:43:58,470 --> 00:43:56,720

really excited to practice medicine and

941

00:44:00,150 --> 00:43:58,480

space share it with those

942

00:44:01,829 --> 00:44:00,160

communities and those people but if i

943

00:44:04,790 --> 00:44:01,839

was looking at a career in medicine

944

00:44:06,710 --> 00:44:04,800

right now i would be so excited i would

945

00:44:08,470 --> 00:44:06,720

jump at it and i'd seriously consider

946

00:44:10,950 --> 00:44:08,480

space medicine because

947

00:44:11,829 --> 00:44:10,960

the opportunities are just limitless

948

00:44:23,589 --> 00:44:11,839

and

949

00:44:26,309 --> 00:44:24,790

so for the kids that are out there

950

00:44:28,550 --> 00:44:26,319

watching you get asked the question all

951  
00:44:30,390 --> 00:44:28,560  
the time how can i become a nasa

952  
00:44:32,069 --> 00:44:30,400  
astronaut how can i go do this how can i

953  
00:44:33,670 --> 00:44:32,079  
explore space and if you're a kid

954  
00:44:35,030 --> 00:44:33,680  
growing up in america the decision is

955  
00:44:37,190 --> 00:44:35,040  
easy find something that you're

956  
00:44:39,030 --> 00:44:37,200  
passionate about and go do it it's as

957  
00:44:40,950 --> 00:44:39,040  
simple as that we have doctors

958  
00:44:44,390 --> 00:44:40,960  
researchers engineers scientists school

959  
00:44:46,550 --> 00:44:44,400  
teachers pilots uh you name it that is

960  
00:44:48,710 --> 00:44:46,560  
what a nasa astronaut is a team player

961  
00:44:50,870 --> 00:44:48,720  
who is dedicated to improving life for

962  
00:44:52,150 --> 00:44:50,880  
every citizen of our nation in our world

963  
00:45:02,790 --> 00:44:52,160

with that i'm going to hand it back over

964

00:45:07,430 --> 00:45:05,109

thank you reed and i want to echo uh

965

00:45:10,150 --> 00:45:07,440

what bob cabana said earlier reid

966

00:45:12,950 --> 00:45:10,160

wiseman is uh just an astronauts

967

00:45:15,109 --> 00:45:12,960

astronaut and i want to thank him for

968

00:45:17,030 --> 00:45:15,119

helping us select this very fine

969

00:45:25,430 --> 00:45:17,040

astronaut candidate class

970

00:45:29,510 --> 00:45:27,670

and i also want to thank all of you here

971

00:45:31,990 --> 00:45:29,520

that joined us today

972

00:45:33,589 --> 00:45:32,000

the nasa team that makes us be so

973

00:45:35,829 --> 00:45:33,599

successful

974

00:45:37,349 --> 00:45:35,839

we're just doing such great things and i

975

00:45:39,430 --> 00:45:37,359

want to thank you for that i want to

976

00:45:41,750 --> 00:45:39,440

thank everyone for coming

977

00:45:44,950 --> 00:45:41,760

this is a great and exciting day for our

978

00:45:47,510 --> 00:45:44,960

nation a very exciting day for nasa

979

00:45:49,510 --> 00:45:47,520

and so i would like for our candidates

980

00:46:07,320 --> 00:45:49,520

to please stand one more time so they

981

00:46:07,330 --> 00:46:34,460

[Applause]