



1
00:00:00,520 --> 00:00:03,510
[Applause]

2
00:00:07,190 --> 00:00:05,269
wow what an exciting day at the johnson

3
00:00:09,110 --> 00:00:07,200
space center you know we are we are so

4
00:00:10,790 --> 00:00:09,120
honored today we have the vice president

5
00:00:13,589 --> 00:00:10,800
of the united states mike pence here

6
00:00:19,510 --> 00:00:13,599
with us today

7
00:00:22,800 --> 00:00:21,750
and also our very own nasa administrator

8
00:00:29,269 --> 00:00:22,810
jim breidenstein

9
00:00:31,990 --> 00:00:29,279
[Applause]

10
00:00:33,430 --> 00:00:32,000
so so you know the work we do every day

11
00:00:35,110 --> 00:00:33,440
at the johnson space center for the

12
00:00:37,110 --> 00:00:35,120
agency and for human space flight is

13
00:00:38,630 --> 00:00:37,120

critical to our future in space

14

00:00:41,270 --> 00:00:38,640

exploration and i really want to thank

15

00:00:43,590 --> 00:00:41,280

the administration for their support

16

00:00:45,350 --> 00:00:43,600

i also thank really thank the dedicated

17

00:00:46,389 --> 00:00:45,360

employees for your hard work each and

18

00:00:47,830 --> 00:00:46,399

every day

19

00:00:49,670 --> 00:00:47,840

as we lead human space flight

20

00:00:51,350 --> 00:00:49,680

exploration in houston

21

00:00:53,189 --> 00:00:51,360

so at this time i would like to invite

22

00:01:06,310 --> 00:00:53,199

nasa administrator jim breinstein to the

23

00:01:09,510 --> 00:01:08,630

well it's great to be back and i will

24

00:01:11,510 --> 00:01:09,520

tell you

25

00:01:13,350 --> 00:01:11,520

um i was here

26

00:01:15,270 --> 00:01:13,360

what three weeks ago

27

00:01:21,670 --> 00:01:15,280

uh this time i brought with me the vice

28

00:01:25,190 --> 00:01:23,830

that's probably not fair he brought me

29

00:01:26,789 --> 00:01:25,200

more like it but

30

00:01:29,190 --> 00:01:26,799

but either way it's great to be here and

31

00:01:31,429 --> 00:01:29,200

i'll tell you one of the reasons

32

00:01:33,510 --> 00:01:31,439

i most like visiting the johnson space

33

00:01:35,190 --> 00:01:33,520

center and this is important

34

00:01:37,749 --> 00:01:35,200

one of the reasons i most like visiting

35

00:01:40,069 --> 00:01:37,759

the johnson space center is it's got to

36

00:01:42,710 --> 00:01:40,079

be the barbecue

37

00:01:44,550 --> 00:01:42,720

i uh i had the opportunity last night to

38

00:01:47,030 --> 00:01:44,560

visit my old stomping grounds at rice

39

00:01:49,749 --> 00:01:47,040

university uh and while there we got

40

00:01:50,630 --> 00:01:49,759

some rice folks here maybe did i yeah

41

00:01:52,630 --> 00:01:50,640

all right

42

00:01:56,789 --> 00:01:52,640

while there i uh i went to good company

43

00:02:01,109 --> 00:01:58,870

the last time i was there was 20 years

44

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

ago and i will tell you it was just as

45

00:02:04,550 --> 00:02:03,280

delicious last night as it was 20 years

46

00:02:06,950 --> 00:02:04,560

ago

47

00:02:08,469 --> 00:02:06,960

and so it was a wonderful opportunity

48

00:02:10,710 --> 00:02:08,479

for me to get back to my old stomping

49

00:02:13,110 --> 00:02:10,720

grounds and reminisce about all my good

50

00:02:14,949 --> 00:02:13,120

times here in the city of houston

51
00:02:16,470 --> 00:02:14,959
before i introduce the vice president

52
00:02:17,990 --> 00:02:16,480
there's somebody in particular that i

53
00:02:20,229 --> 00:02:18,000
need to introduce who's a very special

54
00:02:21,990 --> 00:02:20,239
guest of ours tonight or i should say

55
00:02:23,830 --> 00:02:22,000
today

56
00:02:26,790 --> 00:02:23,840
we have the opportunity

57
00:02:28,710 --> 00:02:26,800
as nasa to have strong bipartisan

58
00:02:30,630 --> 00:02:28,720
support in the house of representatives

59
00:02:31,430 --> 00:02:30,640
and in the united states senate

60
00:02:32,630 --> 00:02:31,440
and

61
00:02:34,309 --> 00:02:32,640
the chairman

62
00:02:35,750 --> 00:02:34,319
of the commerce justice science

63
00:02:39,190 --> 00:02:35,760

appropriations committee which is

64

00:02:41,030 --> 00:02:39,200

responsible for funding nasa is here

65

00:02:58,149 --> 00:02:41,040

representative john culberson will you

66

00:03:01,750 --> 00:02:59,990

john has been a long time good friend

67

00:03:05,190 --> 00:03:01,760

and mentor of mine and i'll tell you he

68

00:03:08,390 --> 00:03:05,200

loves everything that we do here at nasa

69

00:03:10,149 --> 00:03:08,400

56 years ago next month

70

00:03:11,910 --> 00:03:10,159

president kennedy

71

00:03:14,309 --> 00:03:11,920

came to houston in fact he came to my

72

00:03:15,990 --> 00:03:14,319

alma mater rice university and he gave a

73

00:03:22,949 --> 00:03:16,000

speech

74

00:03:24,710 --> 00:03:22,959

very profound question

75

00:03:26,229 --> 00:03:24,720

it's a question we at nasa should all be

76

00:03:28,470 --> 00:03:26,239

asking ourselves

77

00:03:35,030 --> 00:03:28,480

and that question is this

78

00:03:38,789 --> 00:03:37,110

well here we are all these years later

79

00:03:42,470 --> 00:03:38,799

and i'm gonna answer that for president

80

00:03:47,030 --> 00:03:42,480

kennedy rice plays texas because in 1965

81

00:03:48,630 --> 00:03:47,040

three years later rice beat texas

82

00:03:52,229 --> 00:03:48,640

all the people laughing of course are

83

00:03:57,750 --> 00:03:54,630

but it's also true that

84

00:03:59,670 --> 00:03:57,760

going forward in 1994 my sophomore year

85

00:04:04,070 --> 00:03:59,680

at rice university we beat texas a

86

00:04:07,830 --> 00:04:06,309

look once every 29 years we've got to

87

00:04:08,869 --> 00:04:07,840

cling to every little thing that we can

88

00:04:10,630 --> 00:04:08,879

get so

89

00:04:13,429 --> 00:04:10,640

it's uh it's great to be back here in

90

00:04:16,310 --> 00:04:13,439

houston and certainly there's a lot to

91

00:04:19,270 --> 00:04:16,320

hear from from our vice president today

92

00:04:20,629 --> 00:04:19,280

but i want to be clear about

93

00:04:22,790 --> 00:04:20,639

how good we have it with this

94

00:04:24,230 --> 00:04:22,800

administration and how good they are to

95

00:04:25,830 --> 00:04:24,240

nasa

96

00:04:29,110 --> 00:04:25,840

when the president

97

00:04:31,110 --> 00:04:29,120

got sworn in he created the national

98

00:04:32,790 --> 00:04:31,120

space council

99

00:04:35,430 --> 00:04:32,800

and he put in charge of the national

100

00:04:36,629 --> 00:04:35,440

space crown council vice president mike

101
00:04:39,749 --> 00:04:36,639

pence

102
00:04:42,070 --> 00:04:39,759

and in so doing he created an entity

103
00:04:44,150 --> 00:04:42,080

that looks at the entire american space

104
00:04:46,230 --> 00:04:44,160

enterprise not just nasa not just the

105
00:04:47,909 --> 00:04:46,240

department of defense not just homeland

106
00:04:50,469 --> 00:04:47,919

security not just the intelligence

107
00:04:53,030 --> 00:04:50,479

community not transportation not just

108
00:04:55,350 --> 00:04:53,040

commerce but every part of the federal

109
00:04:56,550 --> 00:04:55,360

government that touches

110
00:04:58,550 --> 00:04:56,560

space

111
00:05:00,469 --> 00:04:58,560

and of course nasa is a piece of that a

112
00:05:03,029 --> 00:05:00,479

big piece of that

113
00:05:05,590 --> 00:05:03,039

he put in he put as the executive

114

00:05:07,590 --> 00:05:05,600

secretary of the national space council

115

00:05:10,310 --> 00:05:07,600

a gentleman named scott pace who is

116

00:05:12,310 --> 00:05:10,320

another good friend of mine and a mentor

117

00:05:15,590 --> 00:05:12,320

and scott pace has been working on space

118

00:05:17,830 --> 00:05:15,600

issues his entire adult life

119

00:05:19,270 --> 00:05:17,840

and of course as the executive secretary

120

00:05:21,350 --> 00:05:19,280

of the national space council he's been

121

00:05:22,950 --> 00:05:21,360

doing amazing work

122

00:05:24,790 --> 00:05:22,960

and on the airplane on the way here on

123

00:05:26,230 --> 00:05:24,800

air force two and as i was talking to

124

00:05:28,870 --> 00:05:26,240

him and we're discussing

125

00:05:31,110 --> 00:05:28,880

future space policy directives that we

126
00:05:33,430 --> 00:05:31,120
anticipate initiating and that we

127
00:05:35,110 --> 00:05:33,440
anticipate the president signing

128
00:05:37,510 --> 00:05:35,120
he and i had the opportunity to talk

129
00:05:39,430 --> 00:05:37,520
about how it is that this national space

130
00:05:40,790 --> 00:05:39,440
council is so effective

131
00:05:43,110 --> 00:05:40,800
and all the great things they've already

132
00:05:44,950 --> 00:05:43,120
done and all of the things we want to do

133
00:05:46,390 --> 00:05:44,960
and scott pace said this to me he said

134
00:05:47,830 --> 00:05:46,400
jim here's why it's effective because

135
00:05:49,270 --> 00:05:47,840
this has been an organization that

136
00:05:51,189 --> 00:05:49,280
existed in the past and it wasn't

137
00:05:53,189 --> 00:05:51,199
effective it was terminated and then it

138
00:05:55,350 --> 00:05:53,199

came back and now it's really doing

139

00:05:56,469 --> 00:05:55,360

amazing things for the american space

140

00:05:59,029 --> 00:05:56,479

enterprise

141

00:06:00,870 --> 00:05:59,039

and this is what scott pace said to me

142

00:06:02,150 --> 00:06:00,880

he said jim the reason it's effective

143

00:06:04,950 --> 00:06:02,160

now

144

00:06:07,110 --> 00:06:04,960

is because the vice president really

145

00:06:09,749 --> 00:06:07,120

cares the chairman of the national space

146

00:06:12,230 --> 00:06:09,759

council really cares and he's putting

147

00:06:14,790 --> 00:06:12,240

not just words into it but he's putting

148

00:06:16,870 --> 00:06:14,800

action into it and of course nasa is a

149

00:06:18,469 --> 00:06:16,880

great beneficiary of that not just

150

00:06:20,390 --> 00:06:18,479

because of the administration but the

151

00:06:22,629 --> 00:06:20,400

policies that are getting put into place

152

00:06:24,390 --> 00:06:22,639

and the bipartisan support that we have

153

00:06:27,110 --> 00:06:24,400

for members of congress in the senate so

154

00:06:28,950 --> 00:06:27,120

we are innate and an amazing good place

155

00:06:31,189 --> 00:06:28,960

and without further ado ladies and

156

00:06:33,590 --> 00:06:31,199

gentlemen let me introduce to you the

157

00:06:34,290 --> 00:06:33,600

vice president of the united states mike

158

00:06:39,900 --> 00:06:34,300

pence

159

00:06:49,750 --> 00:06:39,910

[Applause]

160

00:06:59,670 --> 00:06:49,760

[Music]

161

00:07:00,820 --> 00:06:59,680

[Applause]

162

00:07:03,990 --> 00:07:00,830

hey

163

00:07:05,189 --> 00:07:04,000

[Applause]

164

00:07:07,270 --> 00:07:05,199

well thank you administrator

165

00:07:09,189 --> 00:07:07,280

breidenstein to the members of congress

166

00:07:11,189 --> 00:07:09,199

who are here director guyer to all our

167

00:07:12,870 --> 00:07:11,199

distinguished guests

168

00:07:15,749 --> 00:07:12,880

including the chief of the astronaut

169

00:07:18,230 --> 00:07:15,759

office pat forester and nine

170

00:07:20,469 --> 00:07:18,240

members of the astronaut

171

00:07:24,150 --> 00:07:20,479

corps who are with us today to all the

172

00:07:26,469 --> 00:07:24,160

men and women of nasa who are here

173

00:07:29,029 --> 00:07:26,479

in this hall and watching

174

00:07:31,029 --> 00:07:29,039

around the country

175

00:07:32,950 --> 00:07:31,039

men and women who pushed the boundaries

176
00:07:35,909 --> 00:07:32,960
of human knowledge for the benefit of

177
00:07:39,189 --> 00:07:35,919
all it is my great honor to be here at

178
00:07:48,710 --> 00:07:39,199
the home of human space flight the

179
00:07:48,720 --> 00:07:52,950
so proud of you

180
00:07:56,830 --> 00:07:54,710
it's great to be back

181
00:07:59,830 --> 00:07:56,840
and before i begin let me bring

182
00:08:02,869 --> 00:07:59,840
greetings from a great champion of

183
00:08:05,589 --> 00:08:02,879
american leadership at home and in the

184
00:08:08,230 --> 00:08:05,599
boundless expanse of space i bring

185
00:08:18,070 --> 00:08:08,240
greetings from the 45th president of the

186
00:08:22,550 --> 00:08:20,550
really is an honor to be with you today

187
00:08:24,150 --> 00:08:22,560
at such a time as this in the life of

188
00:08:26,710 --> 00:08:24,160

our space program

189

00:08:28,550 --> 00:08:26,720

and in the life of our nation thanks to

190

00:08:30,390 --> 00:08:28,560

president trump's vision and decisive

191

00:08:32,870 --> 00:08:30,400

action with strong support from our

192

00:08:34,790 --> 00:08:32,880

partners in congress and thanks to the

193

00:08:37,670 --> 00:08:34,800

pioneering work

194

00:08:41,190 --> 00:08:37,680

and courage of the innovators and

195

00:08:43,110 --> 00:08:41,200

astronauts represented here past present

196

00:08:45,509 --> 00:08:43,120

and future and because of the enduring

197

00:08:49,750 --> 00:08:45,519

commitment of the johnson space center

198

00:08:58,470 --> 00:08:49,760

and nasa america is leading in space

199

00:09:03,030 --> 00:09:00,470

and we're grateful to all of you let me

200

00:09:05,030 --> 00:09:03,040

begin tonight today as well by

201
00:09:07,269 --> 00:09:05,040
saying how grateful we are for our nasa

202
00:09:08,710 --> 00:09:07,279
administrator jim bridenstine he served

203
00:09:10,949 --> 00:09:08,720
as a lieutenant commander of the united

204
00:09:12,710 --> 00:09:10,959
states navy he served in the congress

205
00:09:15,590 --> 00:09:12,720
and now he is leading nasa with

206
00:09:19,190 --> 00:09:15,600
distinction at the dawn of a renewed age

207
00:09:21,430 --> 00:09:19,200
of human space exploration led by the

208
00:09:24,230 --> 00:09:21,440
united states of america jim thank you

209
00:09:29,350 --> 00:09:24,240
for your leadership

210
00:09:34,470 --> 00:09:31,990
and i also want to thank the still

211
00:09:36,790 --> 00:09:34,480
kind of new director here at johnson

212
00:09:39,269 --> 00:09:36,800
space center mark guyer

213
00:09:41,190 --> 00:09:39,279

recipient of nasa's distinguished

214

00:09:44,389 --> 00:09:41,200

service medal his career here has

215

00:09:45,110 --> 00:09:44,399

actually spanned more than three decades

216

00:09:46,710 --> 00:09:45,120

and

217

00:09:49,350 --> 00:09:46,720

i couldn't be more impressed with the

218

00:09:51,190 --> 00:09:49,360

job that mark guyer is doing or the fact

219

00:09:54,949 --> 00:09:51,200

that he's a graduate of purdue

220

00:09:56,790 --> 00:09:54,959

university join me in thanking

221

00:10:06,310 --> 00:09:56,800

mark stand up

222

00:10:09,910 --> 00:10:07,910

i also want to thank a few other people

223

00:10:11,509 --> 00:10:09,920

before we get going i want to i want to

224

00:10:13,829 --> 00:10:11,519

acknowledge your two senators who are

225

00:10:15,190 --> 00:10:13,839

both champions of this space program i

226

00:10:17,509 --> 00:10:15,200

know they're not with us today they're

227

00:10:19,829 --> 00:10:17,519

working on capitol hill but join me in

228

00:10:23,590 --> 00:10:19,839

thanking senator john cornyn and senator

229

00:10:24,790 --> 00:10:23,600

ted cruz they fight for this space

230

00:10:31,030 --> 00:10:24,800

program

231

00:10:34,069 --> 00:10:32,630

and i know he got mentioned before but

232

00:10:35,670 --> 00:10:34,079

we actually served together when i was

233

00:10:37,829 --> 00:10:35,680

in the congress and i just i just want

234

00:10:40,069 --> 00:10:37,839

to give some special recognition

235

00:10:43,030 --> 00:10:40,079

to someone who uh i've known since the

236

00:10:45,829 --> 00:10:43,040

first day we met in 2001 has been a

237

00:10:48,069 --> 00:10:45,839

passionate champion of nasa and of the

238

00:10:49,750 --> 00:10:48,079

johnson space center and of american

239

00:10:55,269 --> 00:10:49,760

leadership in space

240

00:10:55,279 --> 00:10:58,790

it's true

241

00:11:02,470 --> 00:11:00,710

you got to know congressman culverson is

242

00:11:03,670 --> 00:11:02,480

not just a congressman from texas he's

243

00:11:05,269 --> 00:11:03,680

the chairman

244

00:11:07,750 --> 00:11:05,279

of the subcommittee that oversees the

245

00:11:09,750 --> 00:11:07,760

budget for nasa and because of president

246

00:11:11,990 --> 00:11:09,760

trump's leadership and vision and

247

00:11:14,069 --> 00:11:12,000

because of the strong support

248

00:11:15,910 --> 00:11:14,079

of congressman culberson and our

249

00:11:18,069 --> 00:11:15,920

bipartisan support in the congress

250

00:11:20,949 --> 00:11:18,079

president trump signed the largest

251
00:11:31,190 --> 00:11:20,959
budget for nasa since the days of the

252
00:11:34,870 --> 00:11:33,190
we really thank them all so it's great

253
00:11:35,990 --> 00:11:34,880
to be back at the johnson space center

254
00:11:37,990 --> 00:11:36,000
today i

255
00:11:40,630 --> 00:11:38,000
got to look around a little bit

256
00:11:42,550 --> 00:11:40,640
and i was like a kid in a candy store

257
00:11:44,389 --> 00:11:42,560
i'm telling you what it was amazing

258
00:11:46,069 --> 00:11:44,399
talking to astronauts training at the

259
00:11:48,630 --> 00:11:46,079
neutral buoyancy lab

260
00:11:50,230 --> 00:11:48,640
i looked at some lunar samples i

261
00:11:52,710 --> 00:11:50,240
was told that the samples we were

262
00:11:54,230 --> 00:11:52,720
looking at still encased haven't been

263
00:11:56,550 --> 00:11:54,240

open since they were gathered nearly a

264

00:11:57,829 --> 00:11:56,560

half a century ago and it was my

265

00:12:00,310 --> 00:11:57,839

privilege

266

00:12:01,829 --> 00:12:00,320

to wander around this place with a

267

00:12:04,790 --> 00:12:01,839

with a great american

268

00:12:07,190 --> 00:12:04,800

a hero of apollo 17

269

00:12:10,310 --> 00:12:07,200

and a man that all america is proud of

270

00:12:12,949 --> 00:12:10,320

one of the last two men to walk on the

271

00:12:14,629 --> 00:12:12,959

moon jack schmidt it is always an honor

272

00:12:25,750 --> 00:12:14,639

to be with you

273

00:12:29,750 --> 00:12:27,829

we rode over in my car together which is

274

00:12:31,829 --> 00:12:29,760

kind of cozy lots of stuff piled in

275

00:12:35,350 --> 00:12:31,839

there and i was just imagining maybe i

276

00:12:35,360 --> 00:12:40,150

me and jack schmidt in close quarters

277

00:12:44,790 --> 00:12:43,190

as close as i'll ever get jack

278

00:12:46,870 --> 00:12:44,800

thank you thank you for your leadership

279

00:12:48,629 --> 00:12:46,880

and your courage and your commitment a

280

00:12:50,949 --> 00:12:48,639

member of the user advisory group

281

00:12:52,710 --> 00:12:50,959

advising the national space council to

282

00:12:53,990 --> 00:12:52,720

take nasa to even higher levels thank

283

00:12:55,590 --> 00:12:54,000

you again jack

284

00:12:56,629 --> 00:12:55,600

with the strong support of all these

285

00:12:58,069 --> 00:12:56,639

leaders

286

00:13:00,069 --> 00:12:58,079

i'm pleased to report to the whole team

287

00:13:01,750 --> 00:13:00,079

here at nasa president trump has brought

288

00:13:03,750 --> 00:13:01,760

renewed vision and renewed action to

289

00:13:05,910 --> 00:13:03,760

america's space program

290

00:13:07,509 --> 00:13:05,920

last summer as jim mentioned after it

291

00:13:08,550 --> 00:13:07,519

had lain dormant for nearly a quarter of

292

00:13:11,590 --> 00:13:08,560

a century

293

00:13:21,910 --> 00:13:11,600

president trump revived the national

294

00:13:25,750 --> 00:13:23,910

as we speak the national space council

295

00:13:27,430 --> 00:13:25,760

bringing together all different agencies

296

00:13:29,590 --> 00:13:27,440

of government that bear on this program

297

00:13:32,230 --> 00:13:29,600

and bringing together the best minds

298

00:13:34,069 --> 00:13:32,240

in and around american space leadership

299

00:13:36,550 --> 00:13:34,079

we're forming a cohesive comprehensive

300

00:13:38,389 --> 00:13:36,560

strategy for america's space activities

301
00:13:40,230 --> 00:13:38,399
it's my honor to serve as chairman and

302
00:13:41,670 --> 00:13:40,240
we've already forged new partnerships

303
00:13:44,230 --> 00:13:41,680
between the federal government leaders

304
00:13:46,230 --> 00:13:44,240
in industry and academia

305
00:13:48,150 --> 00:13:46,240
we're enacting new space traffic

306
00:13:50,150 --> 00:13:48,160
management policies to protect our

307
00:13:52,790 --> 00:13:50,160
assets in that crowded realm we're

308
00:13:55,030 --> 00:13:52,800
rolling back stifling red tape so we can

309
00:13:57,670 --> 00:13:55,040
tap the bottomless well of american

310
00:14:00,150 --> 00:13:57,680
innovation we're also renewing our

311
00:14:03,430 --> 00:14:00,160
national commitment to discovery

312
00:14:05,750 --> 00:14:03,440
and to exploration and to write the next

313
00:14:08,870 --> 00:14:05,760

great chapter of our nation's journey

314

00:14:11,030 --> 00:14:08,880

into space that's why last december

315

00:14:12,389 --> 00:14:11,040

45 years almost

316

00:14:14,389 --> 00:14:12,399

to the minute

317

00:14:16,629 --> 00:14:14,399

since jack schmidt and gene cernan

318

00:14:20,069 --> 00:14:16,639

landed on the moon president donald

319

00:14:22,710 --> 00:14:20,079

trump signed space policy directive one

320

00:14:25,829 --> 00:14:22,720

it is now the official policy of the

321

00:14:30,230 --> 00:14:25,839

united states of america that we will

322

00:14:33,269 --> 00:14:30,240

return to the moon put americans on mars

323

00:14:45,990 --> 00:14:33,279

and once again explore the farthest

324

00:14:49,350 --> 00:14:47,509

the president's leadership and all of

325

00:14:51,430 --> 00:14:49,360

your great work is with the cause of

326

00:14:53,189 --> 00:14:51,440

what brings me here today

327

00:14:55,110 --> 00:14:53,199

this is the mission

328

00:14:55,990 --> 00:14:55,120

this is the future of the johnson space

329

00:14:57,590 --> 00:14:56,000

center

330

00:14:58,870 --> 00:14:57,600

for more than 50 years this storied

331

00:15:00,790 --> 00:14:58,880

center has been at the forefront of

332

00:15:01,590 --> 00:15:00,800

america's journey to the stars this is

333

00:15:07,750 --> 00:15:01,600

the

334

00:15:10,949 --> 00:15:07,760

you've guided every american crude space

335

00:15:12,949 --> 00:15:10,959

expedition since 1965.

336

00:15:15,189 --> 00:15:12,959

the names and the voyages that you

337

00:15:16,870 --> 00:15:15,199

directed from this place

338

00:15:18,870 --> 00:15:16,880

adorn the mantle

339

00:15:20,629 --> 00:15:18,880

of american greatness

340

00:15:23,110 --> 00:15:20,639

project gemini you steered some of our

341

00:15:25,350 --> 00:15:23,120

earliest astronauts high above what they

342

00:15:27,590 --> 00:15:25,360

called the blue marble

343

00:15:29,829 --> 00:15:27,600

into low earth orbit in the apollo

344

00:15:31,590 --> 00:15:29,839

program you navigated the first

345

00:15:34,069 --> 00:15:31,600

members of the human family to the moon

346

00:15:35,990 --> 00:15:34,079

and back at this very hour

347

00:15:38,069 --> 00:15:36,000

you walk with our astronauts through

348

00:15:40,150 --> 00:15:38,079

their duties as they walk 200 miles

349

00:15:41,189 --> 00:15:40,160

above us orbiting the earth every 90

350

00:15:43,350 --> 00:15:41,199

minutes

351
00:15:46,150 --> 00:15:43,360
on the international space station

352
00:15:49,670 --> 00:15:46,160
the johnson space center

353
00:15:52,150 --> 00:15:49,680
is a national treasure and all the men

354
00:16:03,269 --> 00:15:52,160
and women who work here are a national

355
00:16:06,790 --> 00:16:04,790
i have to tell you i'm just speaking as

356
00:16:08,389 --> 00:16:06,800
a small town guy from southern indiana

357
00:16:10,230 --> 00:16:08,399
but i i know

358
00:16:12,150 --> 00:16:10,240
the american people admire

359
00:16:13,670 --> 00:16:12,160
they admire the work done here past

360
00:16:15,110 --> 00:16:13,680
present and they

361
00:16:17,350 --> 00:16:15,120
they look for even greater things in the

362
00:16:19,910 --> 00:16:17,360
future here at johnson space center

363
00:16:22,870 --> 00:16:19,920

and let me say to all of you and all of

364

00:16:24,389 --> 00:16:22,880

those that might be looking on the most

365

00:16:27,269 --> 00:16:24,399

important work

366

00:16:28,230 --> 00:16:27,279

and the best days for the johnson space

367

00:16:37,189 --> 00:16:28,240

center

368

00:16:40,470 --> 00:16:38,790

count on

369

00:16:42,389 --> 00:16:40,480

our administration has laid out a new

370

00:16:44,310 --> 00:16:42,399

vision for space

371

00:16:46,150 --> 00:16:44,320

president trump's vision to

372

00:16:48,790 --> 00:16:46,160

push our nation farther

373

00:16:51,430 --> 00:16:48,800

get there faster than ever before

374

00:16:53,350 --> 00:16:51,440

is being implemented even as we speak

375

00:16:55,910 --> 00:16:53,360

and unlike prior administrations we have

376

00:16:57,670 --> 00:16:55,920

a vision with the budget to match

377

00:16:59,269 --> 00:16:57,680

as i mentioned thanks to congressman

378

00:17:01,189 --> 00:16:59,279

culberson's leadership and strong

379

00:17:02,790 --> 00:17:01,199

bipartisan support in the congress

380

00:17:05,110 --> 00:17:02,800

president trump already signed into law

381

00:17:06,949 --> 00:17:05,120

historic funding for nasa and we've also

382

00:17:09,350 --> 00:17:06,959

fully funded nasa's most important

383

00:17:11,829 --> 00:17:09,360

endeavors from from deep space human

384

00:17:13,669 --> 00:17:11,839

exploration america's rocket the space

385

00:17:14,630 --> 00:17:13,679

launch system and the orion space

386

00:17:17,189 --> 00:17:14,640

capsule

387

00:17:18,949 --> 00:17:17,199

these projects as you all well know are

388

00:17:21,429 --> 00:17:18,959

emblematic of american leadership in the

389

00:17:23,990 --> 00:17:21,439

cosmos the space launch system will be

390

00:17:25,750 --> 00:17:24,000

the largest and most powerful rocket

391

00:17:28,470 --> 00:17:25,760

ever built

392

00:17:30,630 --> 00:17:28,480

it will generate a staggering 11.9

393

00:17:32,789 --> 00:17:30,640

million pounds of thrust and reach

394

00:17:35,110 --> 00:17:32,799

speeds of nearly seven miles per second

395

00:17:38,950 --> 00:17:35,120

and all this force all this energy

396

00:17:50,470 --> 00:17:38,960

will lift american astronauts into space

397

00:17:54,310 --> 00:17:52,310

i just saw one of those orion capsules

398

00:17:55,669 --> 00:17:54,320

floating out in that big tank

399

00:17:57,110 --> 00:17:55,679

i know we're getting ready to put that

400

00:17:58,870 --> 00:17:57,120

thing up in the air

401
00:18:00,549 --> 00:17:58,880
it'll be up before you know it

402
00:18:01,830 --> 00:18:00,559
the next americans who set foot on the

403
00:18:03,909 --> 00:18:01,840
moon will start their journey by

404
00:18:06,630 --> 00:18:03,919
stepping through orion's hatch

405
00:18:08,310 --> 00:18:06,640
this extraordinary spacecraft will one

406
00:18:09,430 --> 00:18:08,320
day bridge the gap between our planet

407
00:18:11,830 --> 00:18:09,440
and the next

408
00:18:14,310 --> 00:18:11,840
for the orion will be a critical part

409
00:18:24,710 --> 00:18:14,320
of the vessel that carries american

410
00:18:28,549 --> 00:18:26,230
and you hear the johnson space center

411
00:18:30,150 --> 00:18:28,559
will guide these journeys while our

412
00:18:31,750 --> 00:18:30,160
sites are once again set on our lunar

413
00:18:33,669 --> 00:18:31,760

neighbor this time we're

414

00:18:35,430 --> 00:18:33,679

we're not content with uh just leaving

415

00:18:37,110 --> 00:18:35,440

behind footprints

416

00:18:38,630 --> 00:18:37,120

or even to leave it all

417

00:18:41,029 --> 00:18:38,640

this time

418

00:18:44,150 --> 00:18:41,039

as the time has come we really really

419

00:18:46,470 --> 00:18:44,160

believe for the united states of america

420

00:18:48,470 --> 00:18:46,480

to take what we have learned over these

421

00:18:50,870 --> 00:18:48,480

so many decades

422

00:18:51,669 --> 00:18:50,880

put your ingenuity and creativity to

423

00:18:53,750 --> 00:18:51,679

work

424

00:19:06,870 --> 00:18:53,760

and establish a permanent

425

00:19:10,710 --> 00:19:08,630

now some say that america doesn't need

426
00:19:12,630 --> 00:19:10,720
to go back to the moon

427
00:19:14,789 --> 00:19:12,640
that we ought to focus on

428
00:19:16,070 --> 00:19:14,799
issues closer to home

429
00:19:17,830 --> 00:19:16,080
that attitude was probably best

430
00:19:18,710 --> 00:19:17,840
described in one of my favorite movies

431
00:19:20,870 --> 00:19:18,720
called

432
00:19:23,590 --> 00:19:20,880
interstellar

433
00:19:26,230 --> 00:19:23,600
remember that scene on the front porch

434
00:19:28,150 --> 00:19:26,240
it was an incredible quote

435
00:19:29,750 --> 00:19:28,160
one of the characters in the movie

436
00:19:31,270 --> 00:19:29,760
said and i quote we used to look up at

437
00:19:33,669 --> 00:19:31,280
the sky and wonder

438
00:19:35,350 --> 00:19:33,679

at our place in the stars now we just

439

00:19:37,350 --> 00:19:35,360

look down and worry about our place in

440

00:19:40,390 --> 00:19:37,360

the dirt

441

00:19:42,789 --> 00:19:40,400

that's not how americans think

442

00:19:44,470 --> 00:19:42,799

truthfully that kind of thinking

443

00:19:46,549 --> 00:19:44,480

led people in the past to even cancel

444

00:19:48,070 --> 00:19:46,559

the constellation program that would

445

00:19:50,630 --> 00:19:48,080

have put americans back on the moon by

446

00:19:52,789 --> 00:19:50,640

2020 and set the stage for exploration

447

00:19:55,029 --> 00:19:52,799

of mars and beyond

448

00:19:56,710 --> 00:19:55,039

that decision was a mistake

449

00:19:58,390 --> 00:19:56,720

it said to nasa it said to our country

450

00:19:59,909 --> 00:19:58,400

to the entire world that america was no

451
00:20:01,350 --> 00:19:59,919
longer serious about human space

452
00:20:02,870 --> 00:20:01,360
exploration

453
00:20:04,390 --> 00:20:02,880
we talked about going to mars but

454
00:20:05,990 --> 00:20:04,400
without the moon as a stepping stone

455
00:20:08,149 --> 00:20:06,000
without stronger commercial partnerships

456
00:20:10,710 --> 00:20:08,159
to help us get their accrued mission

457
00:20:13,590 --> 00:20:10,720
to the red planet was not much more than

458
00:20:16,310 --> 00:20:15,029
but those days

459
00:20:18,270 --> 00:20:16,320
are over

460
00:20:31,510 --> 00:20:18,280
america will lead

461
00:20:35,029 --> 00:20:33,190
our administration has restored the moon

462
00:20:36,549 --> 00:20:35,039
as the focal point of our national space

463
00:20:38,470 --> 00:20:36,559

activities because we recognize its

464

00:20:39,990 --> 00:20:38,480

pivotal importance

465

00:20:42,070 --> 00:20:40,000

and that's why under president trump's

466

00:20:43,830 --> 00:20:42,080

leadership our administration is swiftly

467

00:20:45,909 --> 00:20:43,840

advancing the most important precursor

468

00:20:46,950 --> 00:20:45,919

to outposts on the moon and the mission

469

00:20:48,789 --> 00:20:46,960

to mars

470

00:20:51,669 --> 00:20:48,799

the first space station that will orbit

471

00:20:53,029 --> 00:20:51,679

our nearest neighbor the lunar orbital

472

00:20:55,190 --> 00:20:53,039

platform

473

00:20:56,950 --> 00:20:55,200

last year nasa began to work with

474

00:20:58,950 --> 00:20:56,960

american innovators to design this

475

00:21:00,310 --> 00:20:58,960

gateway's unique electrical propulsion

476
00:21:03,029 --> 00:21:00,320
system we're working with the congress

477
00:21:05,110 --> 00:21:03,039
to provide an unprecedented 500 million

478
00:21:07,750 --> 00:21:05,120
dollars to move the lunar orbital

479
00:21:09,270 --> 00:21:07,760
platform from proposal to production

480
00:21:11,110 --> 00:21:09,280
we're only a few short years away from

481
00:21:12,710 --> 00:21:11,120
launching the gateways first building

482
00:21:14,789 --> 00:21:12,720
blocks into space turning science

483
00:21:16,149 --> 00:21:14,799
fiction into science fact

484
00:21:18,549 --> 00:21:16,159
and our administration is working

485
00:21:20,950 --> 00:21:18,559
tirelessly to put an american crew

486
00:21:21,990 --> 00:21:20,960
aboard the lunar orbital platform before

487
00:21:24,950 --> 00:21:22,000
the end

488
00:21:26,310 --> 00:21:24,960

of 2024. men and women of the johnson

489

00:21:28,149 --> 00:21:26,320

space center

490

00:21:37,110 --> 00:21:28,159

it's not a question of if

491

00:21:40,950 --> 00:21:39,190

now

492

00:21:42,390 --> 00:21:40,960

we're on the cusp of a new golden age of

493

00:21:43,669 --> 00:21:42,400

exploration i believe it with all my

494

00:21:45,270 --> 00:21:43,679

heart

495

00:21:47,350 --> 00:21:45,280

and we've got the courageous astronauts

496

00:21:49,669 --> 00:21:47,360

that are ready to lead us there again

497

00:21:51,270 --> 00:21:49,679

as nasa continues to push back the

498

00:21:53,350 --> 00:21:51,280

borders of this

499

00:21:55,990 --> 00:21:53,360

still new frontier we will empower

500

00:21:57,830 --> 00:21:56,000

america's private pioneers as well

501
00:21:59,669 --> 00:21:57,840
to cultivate the vast expanses that

502
00:22:02,950 --> 00:21:59,679
we've already explored we'll ensure that

503
00:22:04,470 --> 00:22:02,960
american security in space is attended

504
00:22:06,070 --> 00:22:04,480
to as well

505
00:22:07,909 --> 00:22:06,080
you know the moon sits at the edge of

506
00:22:09,870 --> 00:22:07,919
the known and the unknown but between

507
00:22:12,950 --> 00:22:09,880
here and there there are some

508
00:22:14,149 --> 00:22:12,960
240 000 miles the region between the

509
00:22:15,350 --> 00:22:14,159
earth and the moon is ripe for

510
00:22:17,510 --> 00:22:15,360
opportunity

511
00:22:19,669 --> 00:22:17,520
and nowhere is that more apparent than

512
00:22:22,149 --> 00:22:19,679
immediately beyond our atmosphere

513
00:22:23,590 --> 00:22:22,159

low earth orbit is critical to america's

514

00:22:26,310 --> 00:22:23,600

national interests

515

00:22:28,070 --> 00:22:26,320

it holds immense strategic scientific

516

00:22:29,750 --> 00:22:28,080

and commercial value

517

00:22:32,070 --> 00:22:29,760

and we know this because of your work

518

00:22:34,230 --> 00:22:32,080

here at the johnson space center with

519

00:22:35,830 --> 00:22:34,240

the international space station

520

00:22:38,310 --> 00:22:35,840

you know ever since bill shepard first

521

00:22:41,430 --> 00:22:38,320

floated aboard the iss in the year 2000

522

00:22:42,950 --> 00:22:41,440

there's been a continuous human presence

523

00:22:44,070 --> 00:22:42,960

in low earth orbit

524

00:22:45,510 --> 00:22:44,080

and the results have really been

525

00:22:47,590 --> 00:22:45,520

extraordinary

526
00:22:49,669 --> 00:22:47,600
the iss has conducted groundbreaking

527
00:22:52,149 --> 00:22:49,679
research on microgravity life support

528
00:22:53,990 --> 00:22:52,159
systems it's been a test bed for

529
00:22:56,149 --> 00:22:54,000
cutting-edge space technologies and

530
00:22:57,510 --> 00:22:56,159
systems including 3-d printers and

531
00:22:59,430 --> 00:22:57,520
zero-gravity

532
00:23:01,830 --> 00:22:59,440
fostered medical discoveries for cancer

533
00:23:03,909 --> 00:23:01,840
and other diseases and given us new ways

534
00:23:05,750 --> 00:23:03,919
to treat our nation's veterans

535
00:23:08,310 --> 00:23:05,760
the international space station has

536
00:23:09,990 --> 00:23:08,320
spurred unprecedented collaboration

537
00:23:11,510 --> 00:23:10,000
between our federal government and a new

538
00:23:13,190 --> 00:23:11,520

generation of innovative american

539

00:23:15,029 --> 00:23:13,200

companies as well

540

00:23:18,110 --> 00:23:15,039

let me say this clearly the

541

00:23:21,350 --> 00:23:18,120

international space station has been an

542

00:23:24,070 --> 00:23:21,360

unqualified success and the men and

543

00:23:26,230 --> 00:23:24,080

women of johnson space center

544

00:23:30,710 --> 00:23:26,240

deserve the credit for the history

545

00:23:30,720 --> 00:23:33,350

you do

546

00:23:38,630 --> 00:23:35,990

but like skylab before the iss as you

547

00:23:40,549 --> 00:23:38,640

all know has a finite lifetime

548

00:23:43,350 --> 00:23:40,559

with the deadline for direct funding set

549

00:23:44,950 --> 00:23:43,360

for 2025 we have to prepare immediately

550

00:23:46,549 --> 00:23:44,960

for what comes next

551
00:23:48,710 --> 00:23:46,559
to ensure american leadership in low

552
00:23:51,190 --> 00:23:48,720
earth orbit tomorrow we are taking

553
00:23:52,710 --> 00:23:51,200
action today in the words of mission

554
00:23:54,950 --> 00:23:52,720
controller and

555
00:23:57,190 --> 00:23:54,960
legendary leader gene krantz

556
00:23:58,630 --> 00:23:57,200
we need to be tough and competent to

557
00:23:59,830 --> 00:23:58,640
achieve our goals

558
00:24:02,070 --> 00:23:59,840
together with nasa we're already

559
00:24:04,549 --> 00:24:02,080
developing a comprehensive plan to do

560
00:24:06,870 --> 00:24:04,559
just that the johnson space center knows

561
00:24:08,630 --> 00:24:06,880
well the high cost of inaction

562
00:24:09,990 --> 00:24:08,640
the men and women of nasa has all have

563
00:24:11,909 --> 00:24:10,000

always been committed to american

564

00:24:14,149 --> 00:24:11,919

leadership in space but

565

00:24:15,590 --> 00:24:14,159

but too often our policy makers have

566

00:24:17,110 --> 00:24:15,600

failed to match

567

00:24:19,110 --> 00:24:17,120

your conviction

568

00:24:20,470 --> 00:24:19,120

with action and investment for the

569

00:24:22,789 --> 00:24:20,480

future

570

00:24:24,549 --> 00:24:22,799

the last decade is proof

571

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

the end of the space shuttle program in

572

00:24:30,230 --> 00:24:27,919

2011 left america without a viable human

573

00:24:31,669 --> 00:24:30,240

space launch program

574

00:24:33,750 --> 00:24:31,679

while i was a member of congress i

575

00:24:35,909 --> 00:24:33,760

actually had the opportunity to attend

576
00:24:38,710 --> 00:24:35,919
three different shuttle launches some of

577
00:24:40,789 --> 00:24:38,720
the most inspiring experience of my

578
00:24:43,029 --> 00:24:40,799
little family's lives

579
00:24:43,830 --> 00:24:43,039
sadly for more than seven years we've

580
00:24:46,710 --> 00:24:43,840
been

581
00:24:48,149 --> 00:24:46,720
space

582
00:24:50,390 --> 00:24:48,159
many americans don't know that we've

583
00:24:52,230 --> 00:24:50,400
actually been forced to pay russia

584
00:24:55,190 --> 00:24:52,240
to carry american astronauts to the

585
00:24:58,149 --> 00:24:55,200
international space station and today

586
00:25:00,230 --> 00:24:58,159
that cost runs about 82 million dollars

587
00:25:18,789 --> 00:25:00,240
per seat

588
00:25:23,590 --> 00:25:20,870

i'm going to make you promise soon and

589

00:25:27,190 --> 00:25:23,600

very soon american astronauts will

590

00:25:39,669 --> 00:25:27,200

return to space on american rockets

591

00:25:43,990 --> 00:25:41,750

and when they go of course they'll be

592

00:25:45,750 --> 00:25:44,000

guided by the dedicated team here at the

593

00:25:47,110 --> 00:25:45,760

johnson space center

594

00:25:48,710 --> 00:25:47,120

you know when we ended the shuttle

595

00:25:50,630 --> 00:25:48,720

program

596

00:25:52,230 --> 00:25:50,640

it was more than a loss of momentum

597

00:25:54,549 --> 00:25:52,240

though

598

00:25:56,950 --> 00:25:54,559

it was really a

599

00:25:58,390 --> 00:25:56,960

a tremendous loss for america's space

600

00:26:00,630 --> 00:25:58,400

workforce

601
00:26:02,070 --> 00:26:00,640
you all know that better than me

602
00:26:03,029 --> 00:26:02,080
the end of the space shuttle program

603
00:26:04,710 --> 00:26:03,039
meant that many of our leading

604
00:26:06,710 --> 00:26:04,720
researchers technicians and space

605
00:26:08,870 --> 00:26:06,720
professionals

606
00:26:10,789 --> 00:26:08,880
no longer had a mission

607
00:26:14,390 --> 00:26:10,799
here at the johnson space center alone

608
00:26:16,310 --> 00:26:14,400
some 3 200 contractors were laid off

609
00:26:17,909 --> 00:26:16,320
cutbacks and consequences rippled

610
00:26:20,310 --> 00:26:17,919
through universities

611
00:26:23,669 --> 00:26:20,320
research labs our space industrial base

612
00:26:26,310 --> 00:26:23,679
and even the department of defense

613
00:26:28,070 --> 00:26:26,320

these were men and women who you knew

614

00:26:29,990 --> 00:26:28,080

you worked with

615

00:26:33,669 --> 00:26:30,000

there were men and women of creativity

616

00:26:35,990 --> 00:26:33,679

and intellect and unparalleled skill but

617

00:26:37,830 --> 00:26:36,000

they were frankly victims

618

00:26:41,029 --> 00:26:37,840

victims of our government's uh

619

00:26:43,350 --> 00:26:41,039

short-sightedness in those days

620

00:26:44,789 --> 00:26:43,360

america lost nearly a decade of space

621

00:26:45,990 --> 00:26:44,799

experience

622

00:26:48,390 --> 00:26:46,000

and frankly we'll never know the

623

00:26:49,990 --> 00:26:48,400

opportunities that we missed and the

624

00:26:52,310 --> 00:26:50,000

progress that

625

00:26:53,909 --> 00:26:52,320

was missed at that time but let me

626
00:26:56,470 --> 00:26:53,919
promise all of you

627
00:26:58,230 --> 00:26:56,480
and all of the men and women of nasa and

628
00:26:59,590 --> 00:26:58,240
our national space

629
00:27:01,750 --> 00:26:59,600
enterprise

630
00:27:04,870 --> 00:27:01,760
our administration will not repeat the

631
00:27:09,510 --> 00:27:04,880
mistakes of the past we will forge this

632
00:27:13,350 --> 00:27:09,520
new era of american leadership in space

633
00:27:16,390 --> 00:27:13,360
on your innovation and the extraordinary

634
00:27:28,549 --> 00:27:16,400
integrity and intellect and innovation

635
00:27:31,269 --> 00:27:29,830
the johnson space center has already

636
00:27:32,470 --> 00:27:31,279
given us a glimpse of what the future

637
00:27:34,710 --> 00:27:32,480
will hold

638
00:27:35,990 --> 00:27:34,720

this center is now a thriving hub of

639

00:27:37,590 --> 00:27:36,000

partnership between the federal

640

00:27:39,590 --> 00:27:37,600

government and america's pioneering

641

00:27:41,750 --> 00:27:39,600

space companies

642

00:27:43,350 --> 00:27:41,760

you've worked closely and mark and i

643

00:27:45,669 --> 00:27:43,360

were just talking about this you work

644

00:27:47,669 --> 00:27:45,679

very closely with private industry

645

00:27:49,750 --> 00:27:47,679

to deliver critical cargo and material

646

00:27:51,510 --> 00:27:49,760

to the international space station

647

00:27:53,190 --> 00:27:51,520

through the commercial resupply services

648

00:27:55,430 --> 00:27:53,200

which has already successfully completed

649

00:27:56,389 --> 00:27:55,440

23 different missions with more on the

650

00:27:58,070 --> 00:27:56,399

way

651
00:28:00,230 --> 00:27:58,080
as we speak you're making remarkable

652
00:28:02,630 --> 00:28:00,240
progress on the commercial crew program

653
00:28:04,149 --> 00:28:02,640
earlier this month as president trump

654
00:28:05,830 --> 00:28:04,159
celebrating himself

655
00:28:08,549 --> 00:28:05,840
nasa announced the astronauts who will

656
00:28:11,830 --> 00:28:08,559
conduct the first flights on boeing's

657
00:28:21,269 --> 00:28:11,840
starliner and spacex dragon and they'll

658
00:28:26,470 --> 00:28:23,430
but

659
00:28:29,269 --> 00:28:26,480
this is just the beginning

660
00:28:31,430 --> 00:28:29,279
as nasa reorients toward human space

661
00:28:33,430 --> 00:28:31,440
exploration our private companies and

662
00:28:35,110 --> 00:28:33,440
visionary innovators are going to take

663
00:28:36,870 --> 00:28:35,120

the lead in developing the regions

664

00:28:38,310 --> 00:28:36,880

closer to home

665

00:28:40,549 --> 00:28:38,320

they will do as americans have always

666

00:28:43,190 --> 00:28:40,559

done will inspire the world with their

667

00:28:45,190 --> 00:28:43,200

ability to create opportunity and

668

00:28:47,430 --> 00:28:45,200

frankly prosperity

669

00:28:51,590 --> 00:28:47,440

not out of thin air

670

00:28:55,110 --> 00:28:53,430

and our administration as we speak is

671

00:28:57,430 --> 00:28:55,120

working with the congress

672

00:28:58,870 --> 00:28:57,440

to give nasa the funding you need

673

00:29:02,950 --> 00:28:58,880

to ensure

674

00:29:03,990 --> 00:29:02,960

space pioneers

675

00:29:05,750 --> 00:29:04,000

are given the freedom and the

676
00:29:07,350 --> 00:29:05,760
flexibility to be able to develop what

677
00:29:09,029 --> 00:29:07,360
they should develop

678
00:29:11,669 --> 00:29:09,039
and make it a smooth transition to an

679
00:29:12,870 --> 00:29:11,679
exciting future of collaboration

680
00:29:14,230 --> 00:29:12,880
johnson space center is going to

681
00:29:15,830 --> 00:29:14,240
continue to play an essential and

682
00:29:18,230 --> 00:29:15,840
irreplaceable role in navigating

683
00:29:19,590 --> 00:29:18,240
america's future in low earth orbit you

684
00:29:23,110 --> 00:29:19,600
can count on it

685
00:29:26,549 --> 00:29:23,120
america will not ever abandon the

686
00:29:29,190 --> 00:29:26,559
critical domain of space we will open

687
00:29:32,149 --> 00:29:29,200
the way for innovators and development

688
00:29:44,149 --> 00:29:32,159

and we will lead once again in human

689

00:29:48,310 --> 00:29:46,230

and as i stand here today at the home of

690

00:29:50,389 --> 00:29:48,320

our civilian space flight program let me

691

00:29:51,990 --> 00:29:50,399

also assure my fellow americans

692

00:29:54,549 --> 00:29:52,000

that under president trump's leadership

693

00:29:56,070 --> 00:29:54,559

we're also taking steps as we speak

694

00:29:59,510 --> 00:29:56,080

to ensure that american national

695

00:30:01,590 --> 00:29:59,520

security is as dominant in space

696

00:30:03,430 --> 00:30:01,600

as it is here on earth

697

00:30:05,750 --> 00:30:03,440

we're already deploying new technologies

698

00:30:07,350 --> 00:30:05,760

and more resilient satellites

699

00:30:08,950 --> 00:30:07,360

earlier this month at the pentagon it

700

00:30:12,230 --> 00:30:08,960

was my privilege to lay out president

701
00:30:14,149 --> 00:30:12,240
trump's plan to establish a sixth branch

702
00:30:17,190 --> 00:30:14,159
of our armed forces

703
00:30:20,950 --> 00:30:17,200
the united states space force

704
00:30:23,430 --> 00:30:20,960
we believe is an idea whose time has

705
00:30:25,190 --> 00:30:23,440
come just as our nation established the

706
00:30:27,510 --> 00:30:25,200
air force to ensure american dominance

707
00:30:30,470 --> 00:30:27,520
in the skies in the mid-20th century

708
00:30:32,549 --> 00:30:30,480
in this still new century

709
00:30:36,070 --> 00:30:32,559
we will create an armed service devoted

710
00:30:37,510 --> 00:30:36,080
solely to advancing american security in

711
00:30:39,510 --> 00:30:37,520
space

712
00:30:41,029 --> 00:30:39,520
and the need is real

713
00:30:42,470 --> 00:30:41,039

just this week the pentagon released a

714

00:30:45,430 --> 00:30:42,480

report showing that china is

715

00:30:46,710 --> 00:30:45,440

aggressively weaponizing space

716

00:30:48,950 --> 00:30:46,720

russia too

717

00:30:51,669 --> 00:30:48,960

is developing and testing new and

718

00:30:54,789 --> 00:30:51,679

dangerous weapons and technologies

719

00:30:56,630 --> 00:30:54,799

to counter america's space capabilities

720

00:30:59,430 --> 00:30:56,640

let me assure my fellow americans here

721

00:31:01,830 --> 00:30:59,440

our administration is committed

722

00:31:03,750 --> 00:31:01,840

to keep america ahead of our adversaries

723

00:31:05,110 --> 00:31:03,760

in this critical domain

724

00:31:07,110 --> 00:31:05,120

and as we speak the department of

725

00:31:09,750 --> 00:31:07,120

defense is moving forward with initial

726
00:31:11,029 --> 00:31:09,760
steps to strengthen american security in

727
00:31:13,269 --> 00:31:11,039
space

728
00:31:15,029 --> 00:31:13,279
and we will continue to work with both

729
00:31:17,430 --> 00:31:15,039
parties in congress to provide the

730
00:31:19,590 --> 00:31:17,440
necessary authorities and funding to

731
00:31:22,549 --> 00:31:19,600
stand up a new branch of our armed

732
00:31:25,430 --> 00:31:22,559
forces and the united states department

733
00:31:36,230 --> 00:31:25,440
of space force will be a reality by the

734
00:31:38,470 --> 00:31:37,430
you know it really is incredible to

735
00:31:40,630 --> 00:31:38,480
think about the history you all have

736
00:31:43,029 --> 00:31:40,640
made here

737
00:31:46,070 --> 00:31:43,039
it's humbling for me to

738
00:31:47,509 --> 00:31:46,080

serve as your vice president but also to

739

00:31:49,110 --> 00:31:47,519

have been asked by the president to

740

00:31:51,509 --> 00:31:49,120

serve in the role as chairman of the

741

00:31:53,029 --> 00:31:51,519

national space council

742

00:31:55,509 --> 00:31:53,039

the truth is our

743

00:31:57,110 --> 00:31:55,519

our nation has in not only inspired our

744

00:31:58,710 --> 00:31:57,120

people but we've inspired

745

00:32:00,630 --> 00:31:58,720

the world by the progress that we've

746

00:32:02,789 --> 00:32:00,640

made and it's been

747

00:32:03,909 --> 00:32:02,799

because of all of you

748

00:32:05,190 --> 00:32:03,919

because of the work that you've done

749

00:32:07,190 --> 00:32:05,200

here

750

00:32:10,230 --> 00:32:07,200

because of the tireless and

751
00:32:13,269 --> 00:32:10,240
peerless work of nasa

752
00:32:15,269 --> 00:32:13,279
but the truth is as much as it's been

753
00:32:16,710 --> 00:32:15,279
important for nasa to lead in the past

754
00:32:18,310 --> 00:32:16,720
you are the

755
00:32:21,509 --> 00:32:18,320
linchpin

756
00:32:23,430 --> 00:32:21,519
to american success in the future

757
00:32:24,630 --> 00:32:23,440
the truth is with all of you we will go

758
00:32:28,149 --> 00:32:24,640
farther

759
00:32:29,990 --> 00:32:28,159
we'll bring distant places and

760
00:32:32,070 --> 00:32:30,000
opportunities closer

761
00:32:33,909 --> 00:32:32,080
to the grasp of future americans we'll

762
00:32:36,230 --> 00:32:33,919
be remembered in our time

763
00:32:38,070 --> 00:32:36,240

for having done our part

764

00:32:40,310 --> 00:32:38,080

for the ongoing

765

00:32:41,669 --> 00:32:40,320

and limitless reach of the american

766

00:32:43,669 --> 00:32:41,679

dream

767

00:32:45,190 --> 00:32:43,679

so today i just simply want to leave you

768

00:32:47,029 --> 00:32:45,200

with a challenge

769

00:32:51,590 --> 00:32:47,039

as we write this new chapter of american

770

00:32:54,230 --> 00:32:51,600

exploration uh i urge you to embrace

771

00:32:56,070 --> 00:32:54,240

this new energy and these new

772

00:32:58,470 --> 00:32:56,080

opportunities

773

00:33:00,710 --> 00:32:58,480

rededicate yourselves

774

00:33:02,149 --> 00:33:00,720

to the mission of nasa after you leave

775

00:33:03,750 --> 00:33:02,159

here today

776

00:33:05,750 --> 00:33:03,760

know that you have in this president and

777

00:33:07,110 --> 00:33:05,760

our entire administration

778

00:33:08,789 --> 00:33:07,120

and i believe in the hearts of the

779

00:33:11,509 --> 00:33:08,799

american people and those that represent

780

00:33:13,509 --> 00:33:11,519

them you have great champions and great

781

00:33:15,750 --> 00:33:13,519

advocates that are anxious to see your

782

00:33:17,909 --> 00:33:15,760

work expand

783

00:33:19,750 --> 00:33:17,919

i just know in my heart

784

00:33:22,950 --> 00:33:19,760

in our lifetimes with your renewed

785

00:33:26,549 --> 00:33:22,960

energy and creativity and dedication

786

00:33:30,230 --> 00:33:26,559

we will do as americans have always done

787

00:33:32,549 --> 00:33:30,240

nasa will all the world

788

00:33:34,389 --> 00:33:32,559

with our daring heroes

789

00:33:36,470 --> 00:33:34,399

with our discoveries and with our

790

00:33:37,669 --> 00:33:36,480

relentless determination to bring new

791

00:33:39,669 --> 00:33:37,679

horizons

792

00:33:41,269 --> 00:33:39,679

and new vistas within the reach of

793

00:33:42,870 --> 00:33:41,279

mankind

794

00:33:44,389 --> 00:33:42,880

this is a fitting time to rededicate

795

00:33:47,029 --> 00:33:44,399

ourselves

796

00:33:49,110 --> 00:33:47,039

to the noble mission of this agency

797

00:33:51,509 --> 00:33:49,120

for this year marks the 50th anniversary

798

00:33:54,310 --> 00:33:51,519

of really a seminal moment

799

00:33:55,750 --> 00:33:54,320

of american leadership in space

800

00:33:58,630 --> 00:33:55,760

an achievement that inspired not only

801
00:34:01,430 --> 00:33:58,640
our nation but all the world

802
00:34:03,830 --> 00:34:01,440
it was christmas eve 1968.

803
00:34:06,470 --> 00:34:03,840
the heroes of apollo 8 bill anders jim

804
00:34:09,030 --> 00:34:06,480
lovell frank borman

805
00:34:12,149 --> 00:34:09,040
were orbiting their craft above the

806
00:34:15,349 --> 00:34:12,159
moon's foreboding surface

807
00:34:17,909 --> 00:34:15,359
history records as they as they rounded

808
00:34:22,149 --> 00:34:17,919
the moon on that fateful night

809
00:34:24,950 --> 00:34:22,159
on the horizon they saw home

810
00:34:27,750 --> 00:34:24,960
an oasis of light and color and warmth

811
00:34:31,190 --> 00:34:27,760
floating untethered

812
00:34:34,869 --> 00:34:32,869
they were the first

813
00:34:38,230 --> 00:34:34,879

to catch a glimpse

814

00:34:39,669 --> 00:34:38,240

of our world as heaven season

815

00:34:41,430 --> 00:34:39,679

through the ingenuity and courage of

816

00:34:43,030 --> 00:34:41,440

your predecessors they were farther away

817

00:34:45,430 --> 00:34:43,040

from us than any humans had ever been

818

00:34:47,589 --> 00:34:45,440

and on that night

819

00:34:50,310 --> 00:34:47,599

they spoke to the world

820

00:34:52,230 --> 00:34:50,320

from that spacecraft

821

00:34:53,829 --> 00:34:52,240

not about the grey moon that was beneath

822

00:34:55,750 --> 00:34:53,839

them but about

823

00:34:58,230 --> 00:34:55,760

the miracle that rose from the horizon

824

00:35:02,470 --> 00:34:58,240

before them and as the world listened

825

00:35:04,870 --> 00:35:02,480

history records they read ancient verses

826

00:35:06,630 --> 00:35:04,880

from the book of genesis

827

00:35:09,270 --> 00:35:06,640

that in the beginning god created the

828

00:35:11,430 --> 00:35:09,280

heavens and the earth

829

00:35:14,230 --> 00:35:11,440

and they closed with a verse and god saw

830

00:35:15,829 --> 00:35:14,240

it was good

831

00:35:17,430 --> 00:35:15,839

those pioneers saw from that far

832

00:35:20,150 --> 00:35:17,440

perspective that however deep into the

833

00:35:21,589 --> 00:35:20,160

cosmos we may reach

834

00:35:24,710 --> 00:35:21,599

our destiny

835

00:35:39,109 --> 00:35:24,720

mankind's destiny is not only here on

836

00:35:42,790 --> 00:35:40,550

so men and women of the johnson space

837

00:35:44,550 --> 00:35:42,800

center men and women of nasa

838

00:35:46,230 --> 00:35:44,560

here and watching around the country

839

00:35:48,310 --> 00:35:46,240

let's go forth and

840

00:35:50,230 --> 00:35:48,320

meet that destiny together and do what

841

00:35:51,670 --> 00:35:50,240

americans have always done let's

842

00:35:52,790 --> 00:35:51,680

let's seize it with ingenuity and

843

00:35:55,510 --> 00:35:52,800

courage

844

00:35:57,589 --> 00:35:55,520

and let's seize it with faith

845

00:35:59,109 --> 00:35:57,599

you can be confident and

846

00:36:00,870 --> 00:35:59,119

the american people have faith in all of

847

00:36:02,550 --> 00:36:00,880

you we've seen what you've done before

848

00:36:05,030 --> 00:36:02,560

and those that have

849

00:36:06,790 --> 00:36:05,040

served in your positions before pushing

850

00:36:08,630 --> 00:36:06,800

the boundaries of human knowledge

851
00:36:10,069 --> 00:36:08,640
forging a new era of american leadership

852
00:36:12,550 --> 00:36:10,079
in space

853
00:36:13,829 --> 00:36:12,560
we've done it before we know you'll do

854
00:36:15,430 --> 00:36:13,839
it again

855
00:36:17,030 --> 00:36:15,440
we go forth with faith in the ideals

856
00:36:19,670 --> 00:36:17,040
that bind us together as a nation and

857
00:36:23,670 --> 00:36:19,680
give us purpose as a people

858
00:36:25,910 --> 00:36:23,680
ideals that america will take freedom

859
00:36:27,030 --> 00:36:25,920
into the farthest reaches of this new

860
00:36:28,630 --> 00:36:27,040
frontier

861
00:36:29,910 --> 00:36:28,640
as well

862
00:36:31,190 --> 00:36:29,920
and finally

863
00:36:33,750 --> 00:36:31,200

for those of you who will guide this

864

00:36:35,270 --> 00:36:33,760

mission on a personal level i just

865

00:36:37,190 --> 00:36:35,280

i want to assure you that millions of

866

00:36:39,510 --> 00:36:37,200

americans will carry you

867

00:36:41,829 --> 00:36:39,520

in their prayers

868

00:36:43,990 --> 00:36:41,839

and they have faith and hope you have

869

00:36:46,710 --> 00:36:44,000

confidence that as you go you do not go

870

00:36:53,430 --> 00:36:47,510

that

871

00:36:56,470 --> 00:36:53,440

rise on the wings of the dawn if you go

872

00:36:58,069 --> 00:36:56,480

up to the heavens even there his hand

873

00:37:00,550 --> 00:36:58,079

will guide you

874

00:37:03,109 --> 00:37:00,560

his right hand will hold you fast

875

00:37:15,589 --> 00:37:03,119

our heroes will go with the prayers of

876

00:37:18,950 --> 00:37:17,349

so thank you for uh thank you for the

877

00:37:20,470 --> 00:37:18,960

warm welcome today thank you for your

878

00:37:22,950 --> 00:37:20,480

extraordinary work

879

00:37:24,069 --> 00:37:22,960

i leave here today more confident than

880

00:37:25,510 --> 00:37:24,079

ever

881

00:37:26,870 --> 00:37:25,520

with the renewed commitment of all of

882

00:37:28,550 --> 00:37:26,880

you here

883

00:37:31,109 --> 00:37:28,560

at the johnson space center and all the

884

00:37:32,790 --> 00:37:31,119

men and women of nasa

885

00:37:35,190 --> 00:37:32,800

who are advancing america's space

886

00:37:37,030 --> 00:37:35,200

enterprise every single hour of the day

887

00:37:38,550 --> 00:37:37,040

with strong leadership of president

888

00:37:40,150 --> 00:37:38,560

donald trump

889

00:37:42,150 --> 00:37:40,160

and a renewed vision for american

890

00:37:43,990 --> 00:37:42,160

leadership in space

891

00:37:45,510 --> 00:37:44,000

led by the president supported in our

892

00:37:47,030 --> 00:37:45,520

congress

893

00:37:50,390 --> 00:37:47,040

the strong support of the american

894

00:37:52,390 --> 00:37:50,400

people and with god's help i know that

895

00:37:56,069 --> 00:37:52,400

our nation has a brighter future than

896

00:37:58,790 --> 00:37:56,079

ever in the boundless expanse of space

897

00:38:00,150 --> 00:37:58,800

and we will lead into that future

898

00:38:02,470 --> 00:38:00,160

together