



1
00:00:07,849 --> 00:00:05,019
every astronaut who ever flew with us

2
00:00:13,520 --> 00:00:07,859
whether a u.s. astronaut or not was

3
00:00:17,570 --> 00:00:13,530
invited to this celebration but none are

4
00:00:20,720 --> 00:00:17,580
greater in their accomplishments than

5
00:00:25,029 --> 00:00:20,730
John and Neil and the demands on their

6
00:00:27,529 --> 00:00:25,039
time are voracious there are very very

7
00:00:31,540 --> 00:00:27,539
public people because of what they have

8
00:00:35,450 --> 00:00:31,550
done and they have borne the burdens of

9
00:00:39,889 --> 00:00:35,460
those public lives that they live with a

10
00:00:42,080 --> 00:00:39,899
grace and an equanimity that most of us

11
00:00:46,490 --> 00:00:42,090
can only aspire to and I thank both of

12
00:00:48,830 --> 00:00:46,500
you for being here tonight one thing

13
00:00:52,880 --> 00:00:48,840

about that is very enjoyable about our

14

00:00:56,060 --> 00:00:52,890

50th birthday our 50th anniversary is

15

00:00:58,549 --> 00:00:56,070

that we're still young enough to be able

16

00:01:01,930 --> 00:00:58,559

to interact with those not only our

17

00:01:04,369 --> 00:01:01,940

astronauts but also our flight engineers

18

00:01:07,850 --> 00:01:04,379

those on the ground who helped bring it

19

00:01:09,560 --> 00:01:07,860

together we're still young enough to be

20

00:01:13,250 --> 00:01:09,570

able to interact with many of the folks

21

00:01:16,280 --> 00:01:13,260

who started out with us and for me in my

22

00:01:17,929 --> 00:01:16,290

career to be able to be mentored and

23

00:01:20,660 --> 00:01:17,939

taught by such people has been one of

24

00:01:25,700 --> 00:01:20,670

the greatest the greatest benefits that

25

00:01:29,690 --> 00:01:25,710

I've had it is an honor to be here

26
00:01:33,319 --> 00:01:29,700
tonight I'm doing the job that I aspired

27
00:01:34,999 --> 00:01:33,329
to hold as a child I was many of you

28
00:01:37,940 --> 00:01:35,009
have heard me say that I was interested

29
00:01:41,300 --> 00:01:37,950
in space and space travel before there

30
00:01:45,649 --> 00:01:41,310
was a Sputnik and so I watched with

31
00:01:47,510 --> 00:01:45,659
bated breath as those who were a few

32
00:01:49,580 --> 00:01:47,520
years older put some of those dreams

33
00:01:53,020 --> 00:01:49,590
into practice in some of the videos that

34
00:01:58,069 --> 00:01:53,030
we saw earlier and it's a thrill for me

35
00:02:00,560 --> 00:01:58,079
to be leading the agency today despite

36
00:02:03,440 --> 00:02:00,570
the trials and tribulations that it

37
00:02:05,090 --> 00:02:03,450
takes and so thanks to all of you for

38
00:02:08,020 --> 00:02:05,100

coming here tonight to help separate

39

00:02:12,460 --> 00:02:08,030

celebrate Becky's in my anniversary

40

00:02:14,590 --> 00:02:12,470

I can't I can't leave the theme of

41

00:02:17,890 --> 00:02:14,600

anniversaries without also mentioning

42

00:02:20,470 --> 00:02:17,900

that it's the birthday of someone who is

43

00:02:23,080 --> 00:02:20,480

a dear friend and to to many of us on a

44

00:02:25,770 --> 00:02:23,090

close colleague to some of you John

45

00:02:32,250 --> 00:02:25,780

Young it's John's 78th birthday today I

46

00:02:40,619 --> 00:02:35,880

I often say that John Young befriended

47

00:02:44,250 --> 00:02:40,629

me before I was anybody and so I have

48

00:02:47,399 --> 00:02:44,260

always very much appreciated that NASA

49

00:02:49,140 --> 00:02:47,409

today is doing well I I believe that we

50

00:02:52,949 --> 00:02:49,150

are doing well I believe the evidence

51
00:02:54,390 --> 00:02:52,959
before us supports that we're in the

52
00:02:56,640 --> 00:02:54,400
final stages of completing the

53
00:02:58,860 --> 00:02:56,650
International Space Station much tougher

54
00:03:01,020 --> 00:02:58,870
than we ever thought it would be for

55
00:03:04,259 --> 00:03:01,030
many reasons lying entirely outside the

56
00:03:06,240 --> 00:03:04,269
technical but we're getting there and

57
00:03:07,470 --> 00:03:06,250
when we are done it will be an

58
00:03:09,899 --> 00:03:07,480
engineering and scientific

59
00:03:13,259 --> 00:03:09,909
accomplishment beyond anything yet

60
00:03:15,690 --> 00:03:13,269
achieved by the human race on other

61
00:03:18,089 --> 00:03:15,700
fronts we just landed soft landed on

62
00:03:21,030 --> 00:03:18,099
Mars for the third time in history this

63
00:03:23,720 --> 00:03:21,040

past Memorial Day it was an exciting

64

00:03:26,670 --> 00:03:23,730

event as I've ever been able to witness

65

00:03:30,360 --> 00:03:26,680

we still have two Rovers running around

66

00:03:32,610 --> 00:03:30,370

Mars as we speak today I spoke the other

67

00:03:38,460 --> 00:03:32,620

day with one of the folks who earns his

68

00:03:41,000 --> 00:03:38,470

living by driving a rover on Mars it's a

69

00:03:44,069 --> 00:03:41,010

tough job but somebody's got to do it

70

00:03:46,409 --> 00:03:44,079

the Dawn spacecraft is on the way to the

71

00:03:49,470 --> 00:03:46,419

nearer to the major asteroids in the

72

00:03:52,020 --> 00:03:49,480

asteroid belt we have no idea what will

73

00:03:54,930 --> 00:03:52,030

learn there we can be certain that we'll

74

00:03:58,949 --> 00:03:54,940

learn things we didn't know New Horizons

75

00:04:03,689 --> 00:03:58,959

is on its way to Pluto messenger is on

76

00:04:05,970 --> 00:04:03,699

its way to mercury and stereo a twin a

77

00:04:08,509 --> 00:04:05,980

pair of spacecraft are on the way to

78

00:04:12,509 --> 00:04:08,519

positions where they can image the Sun

79

00:04:14,460 --> 00:04:12,519

simultaneously with a stereo view to

80

00:04:17,490 --> 00:04:14,470

learn how the engine which drives our

81

00:04:20,099 --> 00:04:17,500

climate behaves and regarding our

82

00:04:24,500 --> 00:04:20,109

climate we are being observed by more

83

00:04:31,170 --> 00:04:28,469

among them Terra and Aqua Terra was

84

00:04:33,810 --> 00:04:31,180

managed by the by the man who is my

85

00:04:36,820 --> 00:04:33,820

associate administrator today Chris

86

00:04:41,059 --> 00:04:36,830

kelis another to whom we owe

87

00:04:44,149 --> 00:04:41,069

so NASA is doing well I think we will

88

00:04:48,079 --> 00:04:44,159

continue to do well elsewhere i have

89

00:04:52,879 --> 00:04:48,089

written after a lot of the very careful

90

00:04:55,459 --> 00:04:52,889

geeky analysis for which i'm known that

91

00:04:56,839 --> 00:04:55,469

with our present budgets in infix

92

00:04:59,299 --> 00:04:56,849

dollars constant dollars

93

00:05:02,329 --> 00:04:59,309

inflation-adjusted dollars if we can

94

00:05:04,429 --> 00:05:02,339

stay the course when it comes time to

95

00:05:07,159 --> 00:05:04,439

have that hundredth birthday that Neil

96

00:05:09,859 --> 00:05:07,169

spoke of that we can be looking back on

97

00:05:13,669 --> 00:05:09,869

the 20th anniversary of the first Mars

98

00:05:15,619 --> 00:05:13,679

landing I know that to be true it's

99

00:05:18,320 --> 00:05:15,629

available in the technology and it's

100

00:05:22,070 --> 00:05:18,330

available in the budget but it requires

101
00:05:23,570 --> 00:05:22,080
that we act with unusual persistence for

102
00:05:26,629 --> 00:05:23,580
Americans and that we stay the course

103
00:05:28,639 --> 00:05:26,639
and that we stay true to what it is that

104
00:05:31,790 --> 00:05:28,649
we believe the proper goals are for our

105
00:05:35,509 --> 00:05:31,800
agency into our children's and

106
00:05:38,449 --> 00:05:35,519
grandchildren's time I think there are

107
00:05:44,269 --> 00:05:38,459
lessons from today in what happens when

108
00:05:48,230 --> 00:05:44,279
we lose that focus we are doing very

109
00:05:50,540 --> 00:05:48,240
well today but as you walk out of this

110
00:05:54,079 --> 00:05:50,550
museum I'd like you to take a look at

111
00:05:58,279 --> 00:05:54,089
the sr-71 we don't have one of those

112
00:06:00,079 --> 00:05:58,289
anymore tonight i'm wearing a tie which

113
00:06:03,049 --> 00:06:00,089

shows an astronaut in a manned

114

00:06:05,179 --> 00:06:03,059

maneuvering unit flying around and it

115

00:06:08,179 --> 00:06:05,189

shows an apollo lander on the moon and

116

00:06:09,949 --> 00:06:08,189

the apollo space to apollo spacecraft we

117

00:06:13,100 --> 00:06:09,959

don't have those anymore either you can

118

00:06:15,679 --> 00:06:13,110

go see them in museums now there's

119

00:06:18,290 --> 00:06:15,689

nothing odd about looking at 40 year old

120

00:06:20,239 --> 00:06:18,300

hardware in museums and admiring it and

121

00:06:22,279 --> 00:06:20,249

respecting it and respecting those who

122

00:06:23,839 --> 00:06:22,289

brought it into being indeed that's why

123

00:06:28,189 --> 00:06:23,849

we have museums and that's what they're

124

00:06:30,290 --> 00:06:28,199

for we should do that what looks easy to

125

00:06:35,659 --> 00:06:30,300

us today was not easy the first time it

126

00:06:39,169 --> 00:06:35,669

had to be done but only in American

127

00:06:40,820 --> 00:06:39,179

Aerospace of which I am aware can we go

128

00:06:43,370 --> 00:06:40,830

to a museum

129

00:06:47,240 --> 00:06:43,380

and look at certain artifacts and wish

130

00:06:49,670 --> 00:06:47,250

that we could still do as well and that

131

00:06:53,300 --> 00:06:49,680

fact should sober everyone here in my

132

00:06:54,860 --> 00:06:53,310

opinion next week if their plans go well

133

00:06:56,630 --> 00:06:54,870

and they don't have an undue amount of

134

00:06:59,750 --> 00:06:56,640

weather delays the Chinese will launch

135

00:07:03,200 --> 00:06:59,760

the first three-man spacecraft at that

136

00:07:05,420 --> 00:07:03,210

moment they will outnumber the number of

137

00:07:07,550 --> 00:07:05,430

Americans and the number of Russians in

138

00:07:09,410 --> 00:07:07,560

space and in fact there will be as many

139

00:07:13,910 --> 00:07:09,420

Chinese in space as there are Russians

140

00:07:18,200 --> 00:07:13,920

and Americans put together good on the

141

00:07:21,140 --> 00:07:18,210

Chinese I will cheer for them I wish

142

00:07:23,630 --> 00:07:21,150

them well I wish that we were more

143

00:07:25,100 --> 00:07:23,640

prominently numbered among those who are

144

00:07:32,030 --> 00:07:25,110

in space and that we were reaching

145

00:07:34,910 --> 00:07:32,040

farther and doing more in contrast the

146

00:07:39,230 --> 00:07:34,920

victories that I'm striving for as we

147

00:07:43,160 --> 00:07:39,240

speak include the passage in Congress of

148

00:07:46,340 --> 00:07:43,170

a waiver allowing me to use US tech

149

00:07:49,100 --> 00:07:46,350

dollar tax dollars to purchase seats on

150

00:07:51,980 --> 00:07:49,110

the Russian Soyuz to take our astronauts

151
00:07:56,150 --> 00:07:51,990
to the space station that we have built

152
00:07:59,810 --> 00:07:56,160
and this will be a victory because all

153
00:08:02,960 --> 00:07:59,820
of the other outcomes are worse that's

154
00:08:04,190 --> 00:08:02,970
the situation we find ourselves for what

155
00:08:08,000 --> 00:08:04,200
the Columbia accident investigation

156
00:08:09,980 --> 00:08:08,010
board referred to as a sustained loss of

157
00:08:14,150 --> 00:08:09,990
vision for the American space program

158
00:08:16,040 --> 00:08:14,160
and what it ought to be I took over at

159
00:08:19,160 --> 00:08:16,050
the best of times at NASA and the worst

160
00:08:21,290 --> 00:08:19,170
of times but the best of times because

161
00:08:23,270 --> 00:08:21,300
of the possibilities for making change

162
00:08:25,010 --> 00:08:23,280
and we're doing that and I think the

163
00:08:27,800 --> 00:08:25,020

team that we've put together is doing it

164

00:08:36,490 --> 00:08:27,810

very well indeed I'm immensely proud of

165

00:08:42,980 --> 00:08:39,819

but we're not on our 50th anniversary

166

00:08:45,050 --> 00:08:42,990

celebrating the 20th anniversary of the

167

00:08:49,819 --> 00:08:45,060

first landing on Mars and we could have

168

00:08:52,250 --> 00:08:49,829

been because we lost focus and we lost

169

00:08:55,009 --> 00:08:52,260

an understanding that everything worth

170

00:08:57,019 --> 00:08:55,019

doing cannot be summarized on an Excel

171

00:09:00,829 --> 00:08:57,029

spreadsheet and presented for a

172

00:09:03,590 --> 00:09:00,839

cost-benefit analysis I hope that in the

173

00:09:05,810 --> 00:09:03,600

next 50 years we can hug that

174

00:09:08,590 --> 00:09:05,820

understanding to our bosom and then

175

00:09:12,680 --> 00:09:08,600

those who stand here in this museum

176

00:09:15,350 --> 00:09:12,690

which will be here in 50 years can look