



КЕЛЛИ - КОРИНЕНКО
50th Anniversary
* * * * *

СКОТТ КЕЛЛИ

100
DAYS

1
00:00:10,070 --> 00:00:07,030
recently my colleague pat ryan had a

2
00:00:12,310 --> 00:00:10,080
chance to talk to scott kelly before he

3
00:00:14,789 --> 00:00:12,320
left for the launch site and he asked

4
00:00:17,189 --> 00:00:14,799
him to compare the preparation required

5
00:00:19,109 --> 00:00:17,199
for this one-year mission to that which

6
00:00:23,429 --> 00:00:19,119
kelly went through for his earlier

7
00:00:27,589 --> 00:00:25,269
you know a lot of it's the same i mean

8
00:00:30,310 --> 00:00:27,599
the systems are the same

9
00:00:32,229 --> 00:00:30,320
you know a lot of the the operations we

10
00:00:33,670 --> 00:00:32,239
do on board the the space station are

11
00:00:36,630 --> 00:00:33,680
very similar so the training is very

12
00:00:38,869 --> 00:00:36,640
similar where where it uh differs

13
00:00:40,790 --> 00:00:38,879

because it's twice as long as

14

00:00:42,389 --> 00:00:40,800

one one element is with them flying with

15

00:00:44,470 --> 00:00:42,399

twice as many crew members and i have a

16

00:00:47,029 --> 00:00:44,480

different soyuz commander on the

17

00:00:49,910 --> 00:00:47,039

return soyuz than i do on launch

18

00:00:51,430 --> 00:00:49,920

so we have to do extra training

19

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

being up there with more people i have

20

00:00:55,430 --> 00:00:53,199

to do extra emergency training so we

21

00:00:56,709 --> 00:00:55,440

cover the emergency procedures with all

22

00:00:58,389 --> 00:00:56,719

of them

23

00:01:00,229 --> 00:00:58,399

and being there twice as long you know

24

00:01:02,709 --> 00:01:00,239

there's twice as more science that'll go

25

00:01:05,910 --> 00:01:02,719

on while i'm there so i have uh in some

26

00:01:08,630 --> 00:01:05,920

ways there's some more scientific uh

27

00:01:10,870 --> 00:01:08,640

you know science payload training

28

00:01:13,109 --> 00:01:10,880

scott you have launched from baikonur

29

00:01:15,270 --> 00:01:13,119

once before uh walk us through what

30

00:01:17,429 --> 00:01:15,280

happens to you as you're gonna on launch

31

00:01:18,550 --> 00:01:17,439

day when you're gonna get ready to fly

32

00:01:20,710 --> 00:01:18,560

again

33

00:01:23,270 --> 00:01:20,720

there's a launch day uh you know from

34

00:01:26,070 --> 00:01:23,280

from kazakhstan and and in some ways

35

00:01:28,550 --> 00:01:26,080

it's similar to uh you know launching

36

00:01:30,630 --> 00:01:28,560

from florida and how the launch day is

37

00:01:32,710 --> 00:01:30,640

designed one thing that is different

38

00:01:34,630 --> 00:01:32,720

though is we don't do the same type of

39

00:01:37,109 --> 00:01:34,640

sleep shift so where we're going to be

40

00:01:39,030 --> 00:01:37,119

launching at uh you know 1 40 in the

41

00:01:42,149 --> 00:01:39,040

morning kazakh time

42

00:01:44,310 --> 00:01:42,159

we don't we don't shift our sleep to uh

43

00:01:46,469 --> 00:01:44,320

to to uh you know take that into

44

00:01:48,469 --> 00:01:46,479

consideration we kind of get up at the

45

00:01:50,310 --> 00:01:48,479

at the normal time and then we'll do a

46

00:01:51,109 --> 00:01:50,320

you know kind of take a nap later in the

47

00:01:52,149 --> 00:01:51,119

day

48

00:01:55,590 --> 00:01:52,159

you know i think it's about eight

49

00:01:58,950 --> 00:01:55,600

o'clock at night we'll uh have a a

50

00:02:01,270 --> 00:01:58,960

ceremonial uh departure from the uh

51
00:02:03,190 --> 00:02:01,280
cosmonaut hotel in baikonur there's a

52
00:02:05,429 --> 00:02:03,200
traditional blessing by the russian

53
00:02:07,510 --> 00:02:05,439
orthodox priest that you see

54
00:02:09,830 --> 00:02:07,520
on almost every launch from there

55
00:02:11,910 --> 00:02:09,840
we get on a bus and then it's a probably

56
00:02:13,830 --> 00:02:11,920
about an hour long bus ride to the

57
00:02:15,030 --> 00:02:13,840
building where we get suited up and do

58
00:02:17,670 --> 00:02:15,040
our uh

59
00:02:19,589 --> 00:02:17,680
leak checks of our suit once we get in

60
00:02:21,910 --> 00:02:19,599
the suit and do our leak checks we get

61
00:02:23,510 --> 00:02:21,920
to talk to our families one more time

62
00:02:26,470 --> 00:02:23,520
and some friends

63
00:02:28,470 --> 00:02:26,480

and then we get on the bus uh

64

00:02:30,150 --> 00:02:28,480

to go to the launch pad and you know

65

00:02:31,750 --> 00:02:30,160

what's interesting about that is if

66

00:02:33,030 --> 00:02:31,760

you've i've flown on the soyuz once

67

00:02:35,190 --> 00:02:33,040

before but if you've never flown on the

68

00:02:37,190 --> 00:02:35,200

soyuz ones before the first time you're

69

00:02:39,509 --> 00:02:37,200

in the soyuz on the launch pad is on

70

00:02:41,670 --> 00:02:39,519

launch day so that's a that's a much

71

00:02:44,150 --> 00:02:41,680

different experience

72

00:02:46,150 --> 00:02:44,160

in this case your trip to the station is

73

00:02:48,630 --> 00:02:46,160

scheduled to last just a couple of hours

74

00:02:50,150 --> 00:02:48,640

as opposed to two or three days

75

00:02:51,990 --> 00:02:50,160

is that going to be better for you or

76
00:02:53,430 --> 00:02:52,000
would you like to have the extra time to

77
00:02:55,270 --> 00:02:53,440
get acclimated

78
00:02:56,229 --> 00:02:55,280
well it's about six hours uh from the

79
00:02:58,869 --> 00:02:56,239
time

80
00:03:00,390 --> 00:02:58,879
uh we launched to docking

81
00:03:01,990 --> 00:03:00,400
um

82
00:03:03,750 --> 00:03:02,000
i prefer

83
00:03:06,149 --> 00:03:03,760
obviously i haven't done it yet but but

84
00:03:08,390 --> 00:03:06,159
i think i'll prefer the shorter trip

85
00:03:09,830 --> 00:03:08,400
uh than the 48 hours for a number of

86
00:03:11,430 --> 00:03:09,840
reasons i think

87
00:03:12,869 --> 00:03:11,440
um you know even though you're sitting

88
00:03:14,309 --> 00:03:12,879

in the you're in the suit longer and

89

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

you're in the seat longer and that can

90

00:03:18,149 --> 00:03:16,000

be somewhat uncomfortable

91

00:03:20,149 --> 00:03:18,159

i think uh you know i prefer that to

92

00:03:22,149 --> 00:03:20,159

spending you know two days in the soyuz

93

00:03:24,550 --> 00:03:22,159

with with little to do

94

00:03:26,789 --> 00:03:24,560

um but also the other advantage to it is

95

00:03:28,789 --> 00:03:26,799

it provides us with a couple extra days

96

00:03:31,190 --> 00:03:28,799

on the space station and it gives us

97

00:03:32,470 --> 00:03:31,200

some extra margin on the back end if we

98

00:03:34,789 --> 00:03:32,480

have any kind of

99

00:03:36,949 --> 00:03:34,799

uh problems with the soyuz and we need

100

00:03:39,830 --> 00:03:36,959

to uh you know be in orbit longer we

101
00:03:42,149 --> 00:03:39,840
have you know some extra consumables and

102
00:03:44,470 --> 00:03:42,159
ability to do that so there are a lot of

103
00:03:46,550 --> 00:03:44,480
uh there are a lot more pros and cons to

104
00:03:47,750 --> 00:03:46,560
doing this flight day one rendezvous and

105
00:03:49,670 --> 00:03:47,760
docking

106
00:03:51,830 --> 00:03:49,680
did you look out a year what do you

107
00:03:54,630 --> 00:03:51,840
think are going to be the highlights of

108
00:03:56,149 --> 00:03:54,640
your time on orbit this time

109
00:03:58,309 --> 00:03:56,159
i think probably the you know the

110
00:04:00,789 --> 00:03:58,319
variety of of people and crew members

111
00:04:02,710 --> 00:04:00,799
that that come and go um

112
00:04:04,550 --> 00:04:02,720
you know you look at you know i've had

113
00:04:06,710 --> 00:04:04,560

i've flown in space three times first

114

00:04:07,910 --> 00:04:06,720

time was eight days second time was 13

115

00:04:10,470 --> 00:04:07,920

days and a

116

00:04:13,030 --> 00:04:10,480

third time was 159 days and if i had to

117

00:04:15,509 --> 00:04:13,040

compare them to each other on on

118

00:04:17,030 --> 00:04:15,519

uh you know how

119

00:04:18,870 --> 00:04:17,040

you know there are much different

120

00:04:21,189 --> 00:04:18,880

lengths of time but they're all

121

00:04:23,510 --> 00:04:21,199

individual experiences and you you

122

00:04:25,590 --> 00:04:23,520

cherish those uh

123

00:04:26,950 --> 00:04:25,600

in in many ways the same way you know

124

00:04:30,230 --> 00:04:26,960

just because my first flight was eight

125

00:04:32,310 --> 00:04:30,240

days and my last flight 159 days and

126

00:04:33,909 --> 00:04:32,320

you know i had four months with uh you

127

00:04:35,510 --> 00:04:33,919

know katie and paulo and my russian

128

00:04:38,070 --> 00:04:35,520

colleagues up there i don't really look

129

00:04:40,150 --> 00:04:38,080

at them being much different um you know

130

00:04:42,469 --> 00:04:40,160

they're they're the human experience is

131

00:04:44,629 --> 00:04:42,479

something that you you really appreciate

132

00:04:46,550 --> 00:04:44,639

and uh you know i think

133

00:04:48,150 --> 00:04:46,560

you know that is is going to be one of

134

00:04:49,830 --> 00:04:48,160

the highlights but also working on

135

00:04:51,670 --> 00:04:49,840

something that's very very challenging

136

00:04:53,830 --> 00:04:51,680

and you know working hard at it with a

137

00:04:56,390 --> 00:04:53,840

great team both in space and on the

138

00:04:58,230 --> 00:04:56,400

earth and then being successful is the

139

00:04:59,990 --> 00:04:58,240

other thing i look forward to

140

00:05:01,270 --> 00:05:00,000

one last question scott by the time you

141

00:05:03,749 --> 00:05:01,280

get back to houston you'll have been

142

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

gone from here for well more than a year

143

00:05:07,590 --> 00:05:05,759

uh that's a lot of sacrifice to make

144

00:05:10,710 --> 00:05:07,600

tell me why you think the mission you're

145

00:05:12,230 --> 00:05:10,720

going to do is worth that you know i

146

00:05:14,150 --> 00:05:12,240

think all these missions are worth it

147

00:05:15,909 --> 00:05:14,160

you know we fly you know a lot of people

148

00:05:18,629 --> 00:05:15,919

on the space station we've been doing it

149

00:05:21,110 --> 00:05:18,639

for 15 years there's a lot of sacrifices

150

00:05:23,189 --> 00:05:21,120

that go into flying a six-month flight

151

00:05:25,270 --> 00:05:23,199

or even you know a shorter duration

152

00:05:27,430 --> 00:05:25,280

flight you know there's there's

153

00:05:30,469 --> 00:05:27,440

sacrifices of different levels

154

00:05:32,950 --> 00:05:30,479

and if we're ever going to perform uh

155

00:05:34,950 --> 00:05:32,960

space missions beyond low earth orbit

156

00:05:37,670 --> 00:05:34,960

all of these flights are important and

157

00:05:39,590 --> 00:05:37,680

and everyone's contribution is important

158

00:05:42,550 --> 00:05:39,600

and this this one is just a little bit

159

00:05:45,029 --> 00:05:42,560

different in that it's uh it's longer

160

00:05:47,350 --> 00:05:45,039

scott thanks for the talk uh have a safe