



RUSSIAN

SOCC



1
00:00:52,559 --> 00:01:23,270
ah

2
00:01:23,280 --> 00:04:11,750
uh

3
00:04:11,760 --> 00:05:51,110
hey

4
00:05:51,120 --> 00:06:15,029
yep

5
00:06:15,039 --> 00:07:00,790
foreign

6
00:07:00,800 --> 00:07:10,790
thank

7
00:07:15,830 --> 00:07:13,749
bob bank and nasa chief astronaut bob

8
00:07:17,909 --> 00:07:15,840
the ticket to ride for chris cassidy and

9
00:07:20,790 --> 00:07:17,919
his crewmates behind you as the soyuz

10
00:07:23,510 --> 00:07:20,800
reaches the pad on this clear morning

11
00:07:24,950 --> 00:07:23,520
your thoughts uh on the upcoming launch

12
00:07:27,029 --> 00:07:24,960
and the complexity of this increment

13
00:07:28,790 --> 00:07:27,039

that lies ahead for chris and his crew

14

00:07:30,469 --> 00:07:28,800

well rob thanks it's uh like you

15

00:07:32,150 --> 00:07:30,479

mentioned the ticket to ride has a come

16

00:07:33,830 --> 00:07:32,160

for chris cassidy and the rest of his

17

00:07:35,749 --> 00:07:33,840

crew and now they're up for an exciting

18

00:07:37,909 --> 00:07:35,759

mission we've got the flight day one

19

00:07:39,830 --> 00:07:37,919

rendezvous the first time americans have

20

00:07:41,990 --> 00:07:39,840

participated in that rendezvous profile

21

00:07:44,230 --> 00:07:42,000

to the international space station with

22

00:07:45,830 --> 00:07:44,240

the crude flight we're really excited

23

00:07:48,070 --> 00:07:45,840

and i think all three crew members on

24

00:07:49,350 --> 00:07:48,080

this soyuz are up to the task and again

25

00:07:51,110 --> 00:07:49,360

really excited about having the

26

00:07:52,469 --> 00:07:51,120

opportunity to get to space station just

27

00:07:54,230 --> 00:07:52,479

so quickly

28

00:07:55,670 --> 00:07:54,240

much has been made about the single day

29

00:07:58,390 --> 00:07:55,680

launch to docking the six-hour

30

00:07:59,990 --> 00:07:58,400

rendezvous to the station what is

31

00:08:01,909 --> 00:08:00,000

different for the crew on board the

32

00:08:04,390 --> 00:08:01,919

soyuz what are they going to be involved

33

00:08:05,749 --> 00:08:04,400

in in this compressed period of time

34

00:08:07,189 --> 00:08:05,759

rod that's a good question there are a

35

00:08:09,350 --> 00:08:07,199

couple things and it starts actually

36

00:08:10,869 --> 00:08:09,360

before the crew launches they've been

37

00:08:12,790 --> 00:08:10,879

involved in a sleep shift so they're

38

00:08:15,110 --> 00:08:12,800

actually sleeping during daylight hours

39

00:08:17,430 --> 00:08:15,120

here in kazakhstan which is a new

40

00:08:19,350 --> 00:08:17,440

phenomenon for them to participate in

41

00:08:21,350 --> 00:08:19,360

and then once they get on board and are

42

00:08:23,670 --> 00:08:21,360

headed toward the space station they'll

43

00:08:25,110 --> 00:08:23,680

actually have much of the very same task

44

00:08:26,950 --> 00:08:25,120

that they had on their

45

00:08:28,550 --> 00:08:26,960

two-day rendezvous to the space station

46

00:08:31,189 --> 00:08:28,560

just compressed and so they'll have to

47

00:08:32,949 --> 00:08:31,199

do many of their tasks much more quickly

48

00:08:34,870 --> 00:08:32,959

than they had to before but we're

49

00:08:37,110 --> 00:08:34,880

expecting that to all go smoothly they

50

00:08:39,029 --> 00:08:37,120

will have an opportunity to take their

51
00:08:40,709 --> 00:08:39,039
suits off and get a little bit of a

52
00:08:43,190 --> 00:08:40,719
break before accomplishing the docking

53
00:08:45,030 --> 00:08:43,200
procedures but we're expecting a very

54
00:08:46,949 --> 00:08:45,040
similar activities to what we normally

55
00:08:48,230 --> 00:08:46,959
see during a docking profile just

56
00:08:50,310 --> 00:08:48,240
compressed

57
00:08:52,550 --> 00:08:50,320
and chris cassidy in particular you've

58
00:08:54,389 --> 00:08:52,560
had a chance to talk to him what is his

59
00:08:56,949 --> 00:08:54,399
state of readiness for

60
00:08:58,949 --> 00:08:56,959
about six months on order that will see

61
00:09:01,190 --> 00:08:58,959
the entire gamut visiting vehicles

62
00:09:03,110 --> 00:09:01,200
spacewalks the whole nine yards right

63
00:09:06,070 --> 00:09:03,120

for chris cassidy as a

64

00:09:07,750 --> 00:09:06,080

active duty navy uh seal he's always

65

00:09:10,230 --> 00:09:07,760

ready for anything and i can certainly

66

00:09:12,550 --> 00:09:10,240

say having seen him uh just earlier

67

00:09:14,550 --> 00:09:12,560

today he's ready and raring to go to

68

00:09:16,550 --> 00:09:14,560

step into all of his responsibilities

69

00:09:18,230 --> 00:09:16,560

both for uh this increment and the

70

00:09:20,710 --> 00:09:18,240

following increment where he's expected

71

00:09:23,670 --> 00:09:20,720

to conduct a couple of space walks uh to

72

00:09:25,190 --> 00:09:23,680

bring some repairs and other

73

00:09:27,350 --> 00:09:25,200

improvements to the space station so

74

00:09:34,310 --> 00:09:27,360

chris is ready and raring to go as any

75

00:09:39,590 --> 00:09:36,630

the soyuz is good for about

76

00:09:41,590 --> 00:09:39,600

four days of free flight and in the past

77

00:09:44,710 --> 00:09:41,600

we used two of those days on the way to

78

00:09:47,030 --> 00:09:44,720

the space station so in the event of an

79

00:09:48,710 --> 00:09:47,040

unplanned departure you know only have

80

00:09:51,110 --> 00:09:48,720

about two days of

81

00:09:52,710 --> 00:09:51,120

on orbit capability left by launching

82

00:09:55,110 --> 00:09:52,720

going straight to the docking in just

83

00:09:57,670 --> 00:09:55,120

six hours we'll preserve most of that on

84

00:10:00,230 --> 00:09:57,680

orbit uh uh time that on orbit

85

00:10:02,389 --> 00:10:00,240

capability so uh it's it's kind of like

86

00:10:04,150 --> 00:10:02,399

having a you know a runway behind you

87

00:10:07,190 --> 00:10:04,160

know runway ahead of you yet it's it's

88

00:10:08,870 --> 00:10:07,200

still available to use if you need it um

89

00:10:11,350 --> 00:10:08,880

it'll be busy for the crew that day

90

00:10:13,590 --> 00:10:11,360

launch day will be about a 24-hour day

91

00:10:15,670 --> 00:10:13,600

for them from the time they wake up

92

00:10:18,790 --> 00:10:15,680

go through the full final preparation

93

00:10:20,870 --> 00:10:18,800

suit up process strap in launch and then

94

00:10:22,389 --> 00:10:20,880

the six hours to the rendezvous docking

95

00:10:24,150 --> 00:10:22,399

and once they get to the station they're

96

00:10:26,389 --> 00:10:24,160

not quite done yet they need a quick

97

00:10:27,990 --> 00:10:26,399

safety brief there'll be a welcome a

98

00:10:30,470 --> 00:10:28,000

little bit of a welcome ceremony and

99

00:10:33,269 --> 00:10:30,480

they have to prepare the the soyuz to be

100

00:10:35,269 --> 00:10:33,279

on orbit uh in a storage mode for the

101
00:10:36,870 --> 00:10:35,279
next for the months ahead

102
00:10:37,829 --> 00:10:36,880
that'll be a long day but it'll be worth

103
00:10:41,030 --> 00:10:37,839
it

104
00:10:42,630 --> 00:10:41,040
mike chris cassidy eva's

105
00:10:45,269 --> 00:10:42,640
visiting vehicles

106
00:10:47,430 --> 00:10:45,279
the whole gamut of operations lies ahead

107
00:10:49,509 --> 00:10:47,440
for him what are your thoughts and his

108
00:10:51,829 --> 00:10:49,519
thoughts you've talked to him about what

109
00:10:53,750 --> 00:10:51,839
lies ahead oh you bet and it's uh it's

110
00:10:55,750 --> 00:10:53,760
an exciting time for him because chris

111
00:10:57,670 --> 00:10:55,760
has of course has experience as a space

112
00:10:59,590 --> 00:10:57,680
shuttle crew member on a short about a

113
00:11:01,990 --> 00:10:59,600

two week mission uh which is very

114

00:11:03,509 --> 00:11:02,000

compressed and you practice every single

115

00:11:05,509 --> 00:11:03,519

thing you're going to do is very tightly

116

00:11:08,150 --> 00:11:05,519

choreographed in this case you can't

117

00:11:09,670 --> 00:11:08,160

choreograph half a year worth of living

118

00:11:11,509 --> 00:11:09,680

and working up there and so we teach the

119

00:11:13,030 --> 00:11:11,519

basic fundamental skills

120

00:11:14,389 --> 00:11:13,040

and and so a lot of it you're kind of

121

00:11:16,470 --> 00:11:14,399

learning as you go you're learning from

122

00:11:18,630 --> 00:11:16,480

the senior guys that are up there uh

123

00:11:20,870 --> 00:11:18,640

chris hadfield tom marshburn and roman

124

00:11:23,110 --> 00:11:20,880

romanenko i've been up there for some

125

00:11:24,470 --> 00:11:23,120

months now so uh chris and his crew

126

00:11:26,710 --> 00:11:24,480

chris cassidy and his crew will be