



1
00:00:08,629 --> 00:00:02,470
station this is houston are you ready

2
00:00:08,639 --> 00:00:12,789
houston station yes we are all set

3
00:00:17,830 --> 00:00:15,749
wgme tv this is mission control houston

4
00:00:19,830 --> 00:00:17,840
please call station for voice check

5
00:00:22,150 --> 00:00:19,840
interview with maine astronaut chris

6
00:00:25,029 --> 00:00:22,160
cassidy who arrived on the job just a

7
00:00:27,349 --> 00:00:25,039
few days ago so here we go hello chris

8
00:00:30,470 --> 00:00:27,359
how are things looking from space today

9
00:00:35,110 --> 00:00:32,950
well hello kim great to hear from you

10
00:00:36,870 --> 00:00:35,120
outstanding it's such a great time uh

11
00:00:39,110 --> 00:00:36,880
here on space that i'm having so much

12
00:00:41,030 --> 00:00:39,120
fun just floating around and taking in

13
00:00:44,790 --> 00:00:41,040

the whole experience and trying to find

14

00:00:46,630 --> 00:00:44,800

turn this place into my home

15

00:00:48,709 --> 00:00:46,640

awesome chris it is so great to see you

16

00:00:50,310 --> 00:00:48,719

and hear you as well now obviously

17

00:00:51,750 --> 00:00:50,320

you're not floating right now can you

18

00:00:56,389 --> 00:00:51,760

tell us are you tethered to something

19

00:01:00,150 --> 00:00:58,950

oh no i'm floating there's a microphone

20

00:01:04,630 --> 00:01:00,160

no hands

21

00:01:09,510 --> 00:01:06,950

that is awesome i'm amazing i'm amazed

22

00:01:11,109 --> 00:01:09,520

that you can just look so stable

23

00:01:13,350 --> 00:01:11,119

all right let's talk a little bit about

24

00:01:15,910 --> 00:01:13,360

your journey there you were on what what

25

00:01:17,670 --> 00:01:15,920

they're calling a fast track voyage just

26
00:01:20,870 --> 00:01:17,680
incredible something that's been taking

27
00:01:23,429 --> 00:01:20,880
up to 45 days you made it in under six

28
00:01:27,590 --> 00:01:23,439
hours that is a new record what was that

29
00:01:30,069 --> 00:01:28,390
well

30
00:01:31,670 --> 00:01:30,079
it was it was a real privilege and an

31
00:01:34,390 --> 00:01:31,680
honor to be part of the crew that that

32
00:01:36,950 --> 00:01:34,400
had the opportunity to do that um but to

33
00:01:38,710 --> 00:01:36,960
be perfectly honest the the events that

34
00:01:40,870 --> 00:01:38,720
we did inside the cockpit are all the

35
00:01:43,270 --> 00:01:40,880
same that we normally would do on a

36
00:01:45,670 --> 00:01:43,280
rendezvous just squish together with

37
00:01:47,590 --> 00:01:45,680
less of a break in between

38
00:01:50,469 --> 00:01:47,600

the real challenge for this type of

39

00:01:52,389 --> 00:01:50,479

rendezvous is on the planners beforehand

40

00:01:54,230 --> 00:01:52,399

making sure that the space station is in

41

00:01:55,910 --> 00:01:54,240

exactly the right position really tight

42

00:01:56,870 --> 00:01:55,920

tolerance is on where the space station

43

00:01:59,109 --> 00:01:56,880

has to be

44

00:02:01,429 --> 00:01:59,119

and the the folks in moscow who

45

00:02:03,749 --> 00:02:01,439

calculated the trajectory for the soyuz

46

00:02:05,990 --> 00:02:03,759

they had the real burden on on making

47

00:02:08,469 --> 00:02:06,000

sure all of those numbers and really

48

00:02:10,550 --> 00:02:08,479

really finite calculations were perfect

49

00:02:11,430 --> 00:02:10,560

and we were just had to execute their

50

00:02:14,390 --> 00:02:11,440

plan

51
00:02:18,150 --> 00:02:16,229
so timing was everything now what were

52
00:02:20,550 --> 00:02:18,160
some of the advantages of being able to

53
00:02:22,949 --> 00:02:20,560
get there so quickly i'm sure it there

54
00:02:25,350 --> 00:02:22,959
are some advantages for you getting

55
00:02:27,190 --> 00:02:25,360
adjusted but also you're able to carry

56
00:02:29,270 --> 00:02:27,200
certain items that you're going to be

57
00:02:31,430 --> 00:02:29,280
using for research and experiment

58
00:02:35,270 --> 00:02:31,440
um experiment with so that was helpful

59
00:02:40,390 --> 00:02:38,070
yeah exactly exactly for for us as as

60
00:02:42,710 --> 00:02:40,400
individual people the the space

61
00:02:44,470 --> 00:02:42,720
adaptation process inside the soyuz it

62
00:02:46,470 --> 00:02:44,480
can be a little uncomfortable on a

63
00:02:49,910 --> 00:02:46,480

two-day rendezvous because it because it

64

00:02:53,190 --> 00:02:49,920

does sort of a a slow spinning motion to

65

00:02:55,270 --> 00:02:53,200

for its uh orientation to the sun

66

00:02:56,470 --> 00:02:55,280

and that can be a little disorienting if

67

00:02:57,990 --> 00:02:56,480

you hurry up and get to the space

68

00:02:59,350 --> 00:02:58,000

station you can take care of all the

69

00:03:00,710 --> 00:02:59,360

adaptation right here on the space

70

00:03:02,869 --> 00:03:00,720

station where it's a little bit larger

71

00:03:04,390 --> 00:03:02,879

of a volume and a little more stable and

72

00:03:05,750 --> 00:03:04,400

the process is somewhat

73

00:03:08,070 --> 00:03:05,760

easier

74

00:03:11,190 --> 00:03:08,080

and just like you mentioned on a short

75

00:03:13,750 --> 00:03:11,200

trip like that we're able to carry some

76

00:03:16,149 --> 00:03:13,760

experiments that might not

77

00:03:18,229 --> 00:03:16,159

be able to survive the two days if

78

00:03:20,149 --> 00:03:18,239

depending on what type of experiments it

79

00:03:21,750 --> 00:03:20,159

is so just for those exact reasons that

80

00:03:24,630 --> 00:03:21,760

you mentioned it's it's a very helpful

81

00:03:29,270 --> 00:03:26,470

chris not your first time in space you

82

00:03:31,589 --> 00:03:29,280

were born endeavor in 2009 now you're

83

00:03:33,509 --> 00:03:31,599

back on the international space station

84

00:03:39,750 --> 00:03:33,519

which was under construction then how

85

00:03:44,309 --> 00:03:41,910

you know it's fantastic it's it's a much

86

00:03:46,630 --> 00:03:44,319

larger uh facility than when i was here

87

00:03:48,630 --> 00:03:46,640

before it was big when i was here i

88

00:03:51,190 --> 00:03:48,640

thought but we've there since then

89

00:03:52,949 --> 00:03:51,200

they've added another node which is a

90

00:03:55,509 --> 00:03:52,959

section of the space station from which

91

00:03:57,670 --> 00:03:55,519

we can add more modules

92

00:03:59,750 --> 00:03:57,680

much like tinker toys when we were kids

93

00:04:02,550 --> 00:03:59,760

you can the nodes are the brown parts

94

00:04:05,110 --> 00:04:02,560

that you can connect various segments to

95

00:04:06,550 --> 00:04:05,120

and a node 3 which also includes a

96

00:04:08,229 --> 00:04:06,560

really

97

00:04:10,309 --> 00:04:08,239

fantastic place to look down at the

98

00:04:11,990 --> 00:04:10,319

earth called the cupola right at the

99

00:04:14,470 --> 00:04:12,000

bottom of the space station with

100

00:04:16,629 --> 00:04:14,480

majestic views of the earth below us

101
00:04:19,349 --> 00:04:16,639
that just is breathtaking to be there

102
00:04:22,710 --> 00:04:19,359
and that was not here when i was there

103
00:04:26,870 --> 00:04:24,550
that sounds amazing speaking of tinker

104
00:04:29,030 --> 00:04:26,880
toys and kids you got a lot of people in

105
00:04:31,189 --> 00:04:29,040
york maine who are watching your journey

106
00:04:32,390 --> 00:04:31,199
with a ton of pride as are all of us in

107
00:04:33,909 --> 00:04:32,400
maine

108
00:04:35,110 --> 00:04:33,919
chris tell us a little bit or would you

109
00:04:39,110 --> 00:04:35,120
like to give a shout out to your

110
00:04:43,030 --> 00:04:41,270
well i'm just really really honored to

111
00:04:45,430 --> 00:04:43,040
represent the state of maine and in

112
00:04:47,189 --> 00:04:45,440
particular the town of york

113
00:04:49,909 --> 00:04:47,199

where i grew up as a kid playing

114

00:04:52,230 --> 00:04:49,919

basketball on short sands beach there

115

00:04:54,550 --> 00:04:52,240

and mowing lawns in the summertime just

116

00:04:56,950 --> 00:04:54,560

enjoying life as a young

117

00:04:57,990 --> 00:04:56,960

boy in southern maine just like many

118

00:05:00,150 --> 00:04:58,000

many

119

00:05:02,150 --> 00:05:00,160

kids in school in that area right now

120

00:05:03,590 --> 00:05:02,160

and never then did i imagine that i

121

00:05:06,070 --> 00:05:03,600

would be up here on the space station

122

00:05:07,990 --> 00:05:06,080

talking to a portland tv station oh my

123

00:05:09,749 --> 00:05:08,000

goodness that was the farthest from my

124

00:05:12,150 --> 00:05:09,759

mind that i could ever imagine but i'm

125

00:05:13,749 --> 00:05:12,160

so honored to have the opportunity to do

126

00:05:16,790 --> 00:05:13,759

this and to

127

00:05:18,550 --> 00:05:16,800

to be in a position that

128

00:05:20,629 --> 00:05:18,560

folks in maine and folks in new york are

129

00:05:23,990 --> 00:05:20,639

excited about and just really really

130

00:05:25,990 --> 00:05:24,000

special to me

131

00:05:28,070 --> 00:05:26,000

chris it's thank you and we're proud of

132

00:05:30,070 --> 00:05:28,080

you as well uh tell us a little bit if

133

00:05:36,950 --> 00:05:30,080

you were able to look out the window

134

00:05:40,790 --> 00:05:38,790

well let's see we have a map program on

135

00:05:42,710 --> 00:05:40,800

the computer and i can see we just just

136

00:05:44,469 --> 00:05:42,720

a little bit ago across the equator on a

137

00:05:46,870 --> 00:05:44,479

southern track towards kind of

138

00:05:49,350 --> 00:05:46,880

paralleling the western coast of south

139

00:05:50,390 --> 00:05:49,360

america so if i looked out right now i

140

00:05:53,670 --> 00:05:50,400

would see

141

00:05:56,550 --> 00:05:53,680

very wide space of blue ocean in in the

142

00:05:57,350 --> 00:05:56,560

uh the southern southern pacific ocean

143

00:05:59,270 --> 00:05:57,360

um

144

00:06:00,790 --> 00:05:59,280

not too long we'll be crossing the tip

145

00:06:03,270 --> 00:06:00,800

of south america

146

00:06:06,150 --> 00:06:03,280

and uh and in about another i don't know

147

00:06:08,390 --> 00:06:06,160

45 minutes to an hour we'll be cruising

148

00:06:11,029 --> 00:06:08,400

up through africa so it's really kind of

149

00:06:15,909 --> 00:06:11,039

majestic and breathtaking how fast we

150

00:06:19,830 --> 00:06:18,070

it's pretty remarkable experience not

151
00:06:21,749 --> 00:06:19,840
many people are going to get to do what

152
00:06:23,670 --> 00:06:21,759
you do but still that doesn't mean

153
00:06:25,430 --> 00:06:23,680
people shouldn't strive and try to

154
00:06:27,110 --> 00:06:25,440
achieve their goals you are a remarkable

155
00:06:28,469 --> 00:06:27,120
example of that and i know it's

156
00:06:32,230 --> 00:06:28,479
something you don't take for granted

157
00:06:36,710 --> 00:06:34,629
yeah you're absolutely right kim um i've

158
00:06:37,990 --> 00:06:36,720
been fortunate to have great mentors and

159
00:06:39,430 --> 00:06:38,000
be at the right place at the right time

160
00:06:40,870 --> 00:06:39,440
but also accompanied with that was a

161
00:06:43,350 --> 00:06:40,880
little bit of hard work along the way

162
00:06:45,350 --> 00:06:43,360
and knowing when to buckle down and uh

163
00:06:47,990 --> 00:06:45,360

and take studies seriously or take your

164

00:06:50,550 --> 00:06:48,000

work seriously and that's served me well

165

00:06:52,150 --> 00:06:50,560

but really it's the mentorship and the

166

00:06:54,070 --> 00:06:52,160

leadership that i've had in various

167

00:06:55,430 --> 00:06:54,080

aspects of my life from other people

168

00:06:57,029 --> 00:06:55,440

that have helped me get to where they

169

00:06:59,510 --> 00:06:57,039

where i am so that's something that i

170

00:07:01,350 --> 00:06:59,520

try to provide to others now is that

171

00:07:05,350 --> 00:07:01,360

same opportunities that were afforded to

172

00:07:08,870 --> 00:07:07,029

well chris thank you so much for talking

173

00:07:10,790 --> 00:07:08,880

to us today live from the international

174

00:07:12,469 --> 00:07:10,800

space station we'll follow the progress

175

00:07:13,830 --> 00:07:12,479

and the mission itself and hopefully

176

00:07:15,749 --> 00:07:13,840

when you look down at maine it won't be

177

00:07:17,990 --> 00:07:15,759

as white as it was because we melted a

178

00:07:21,670 --> 00:07:18,000

lot of snow this weekend so have a great

179

00:07:21,680 --> 00:07:25,749

thanks very much kim take care

180

00:07:31,589 --> 00:07:27,749

the station this is houston acr that

181

00:07:34,710 --> 00:07:31,599

concludes the event thank you

182

00:07:36,710 --> 00:07:34,720

and thank you wgme tv station please