



1
00:03:16,700 --> 00:03:31,650
the

2
00:03:37,000 --> 00:03:35,590
good morning Columbia a nice tribute to

3
00:03:38,830 --> 00:03:37,010
perhaps a show that got us all

4
00:05:16,060 --> 00:03:38,840
interested in space when we were quite

5
00:05:20,749 --> 00:05:18,950
yes there's a great view of our launch

6
00:05:34,159 --> 00:05:20,759
site looks like you had a cloudy day at

7
00:05:38,760 --> 00:05:37,679
yeah we copy story we're hoping those

8
00:05:47,969 --> 00:05:38,770
clouds will clear out and we'll have

9
00:05:50,570 --> 00:05:47,979
some nice weather this weekend okay that

10
00:05:53,219 --> 00:05:50,580
what you get of it

11
00:05:55,679 --> 00:05:53,229
well that's true we may not see much a

12
00:06:13,650 --> 00:05:55,689
daylight good weather but we'll enjoy

13
00:06:23,500 --> 00:06:20,800

where do you sleep number one well we

14

00:06:26,260 --> 00:06:23,510

have four sleep bucks on this flight and

15

00:06:27,610 --> 00:06:26,270

of course we do have five people four of

16

00:06:29,320 --> 00:06:27,620

us are in the bunch which are just

17

00:06:31,810 --> 00:06:29,330

little compartments for the sliding door

18

00:06:33,940 --> 00:06:31,820

on it and story who enjoys a little more

19

00:06:36,910 --> 00:06:33,950

freedom than that is sleeping just

20

00:06:39,790 --> 00:06:36,920

floating around the midday so one of the

21

00:06:43,960 --> 00:06:39,800

astronauts sleeps floating around is

22

00:06:45,580 --> 00:06:43,970

that what you're telling me that's right

23

00:06:47,650 --> 00:06:45,590

that's really hard to keep story

24

00:06:49,630 --> 00:06:47,660

Musgrave in any one place for very long

25

00:06:51,210 --> 00:06:49,640

and and that's the way he prefers it so

26
00:06:54,940 --> 00:06:51,220
he's just floating around when he sleeps

27
00:06:57,900 --> 00:06:54,950
when you look down on the earth is it

28
00:07:00,190 --> 00:06:57,910
like it looks on a map or can you see

29
00:07:04,780 --> 00:07:00,200
distinguishing things like the Himalayas

30
00:07:06,850 --> 00:07:04,790
and things like that and when you look

31
00:07:08,710 --> 00:07:06,860
down you can't pick out things but it's

32
00:07:11,080 --> 00:07:08,720
not like on a map if the one thing we

33
00:07:12,790 --> 00:07:11,090
don't have here are borders so it you

34
00:07:15,400 --> 00:07:12,800
don't see borders between countries but

35
00:07:17,650 --> 00:07:15,410
when we do go past the Himalayas you see

36
00:07:20,560 --> 00:07:17,660
the snow which sometimes looks like

37
00:07:22,330 --> 00:07:20,570
clouds but it's a brilliant white and we

38
00:07:24,010 --> 00:07:22,340

did pick out man Everest the other day

39

00:07:27,130 --> 00:07:24,020

on the past and it does look massive

40

00:07:29,800 --> 00:07:27,140

even at 200 miles in space what's the

41

00:07:31,930 --> 00:07:29,810

biggest thrill about being in space to

42

00:07:34,570 --> 00:07:31,940

me it would be walking the spacewalk

43

00:07:36,040 --> 00:07:34,580

that two of you are going to do but I

44

00:07:37,540 --> 00:07:36,050

have been up there so maybe there is a

45

00:07:41,800 --> 00:07:37,550

bigger thrill than that what's the

46

00:07:43,840 --> 00:07:41,810

biggest thrill of being there yeah

47

00:07:46,060 --> 00:07:43,850

unfortunately Ken and I don't get to do

48

00:07:47,800 --> 00:07:46,070

the spacewalk they keep us inside but I

49

00:07:49,450 --> 00:07:47,810

would think that would be a very big

50

00:07:51,910 --> 00:07:49,460

highlight I'm sure for Tammy and Tom

51
00:07:53,770 --> 00:07:51,920
will will be for us there are three

52
00:07:55,930 --> 00:07:53,780
things that really stand out one is the

53
00:07:57,490 --> 00:07:55,940
action and when the solid walk that's

54
00:07:59,590 --> 00:07:57,500
like our main engines already running

55
00:08:02,260 --> 00:07:59,600
you know you're going somewhere and you

56
00:08:03,760 --> 00:08:02,270
really can feel that tremendous amount

57
00:08:06,010 --> 00:08:03,770
of thrust on you from that eight to 1/2

58
00:08:07,210 --> 00:08:06,020
minute ride you're in a sense that's one

59
00:08:09,370 --> 00:08:07,220
thing that's really stands out the

60
00:08:11,200 --> 00:08:09,380
second is just the sheer thrill of

61
00:08:12,940 --> 00:08:11,210
floating it's kind of hard in the

62
00:08:15,040 --> 00:08:12,950
smaller space here for me to show you

63
00:08:17,380 --> 00:08:15,050

that but just being able to float and

64

00:08:20,410 --> 00:08:17,390

fly around without any kind of wings is

65

00:08:22,420 --> 00:08:20,420

a thrill and then lastly two views the

66

00:08:24,640 --> 00:08:22,430

views from space are just incredible to

67

00:08:25,700 --> 00:08:24,650

see the occur the earth the sunrises

68

00:08:28,580 --> 00:08:25,710

sunsets

69

00:08:31,969 --> 00:08:28,590

and the world going by it just it's

70

00:08:34,550 --> 00:08:31,979

incomprehensible for me to even try to

71

00:08:36,350 --> 00:08:34,560

project what you're seeing out there do

72

00:08:38,959 --> 00:08:36,360

you ever see anything that you can

73

00:08:42,139 --> 00:08:38,969

identify and you know the UFO phenomenon

74

00:08:43,850 --> 00:08:42,149

is everybody just continues to debate is

75

00:08:49,760 --> 00:08:43,860

there anything that you ever see or

76
00:08:51,650 --> 00:08:49,770
photograph that's strange to you we see

77
00:08:54,199 --> 00:08:51,660
a lot of interesting sites them and you

78
00:08:55,760 --> 00:08:54,209
see things from a new perspective the

79
00:08:58,850 --> 00:08:55,770
first time you see a shooting star

80
00:09:00,590 --> 00:08:58,860
meteor hits the atmosphere it's very

81
00:09:03,829 --> 00:09:00,600
unusual because it's all happening below

82
00:09:05,389 --> 00:09:03,839
you but none of us from this crew and I

83
00:09:07,220 --> 00:09:05,399
as far as I know any other crews have

84
00:09:10,070 --> 00:09:07,230
seen anything that hasn't eventually

85
00:09:12,590 --> 00:09:10,080
been explained the difficulty comes now

86
00:09:17,930 --> 00:09:12,600
when you have to come back in two weeks

87
00:09:20,630 --> 00:09:17,940
correct well it said another phase of

88
00:09:22,430 --> 00:09:20,640

fight that it's one that so Kent and I

89

00:09:25,610 --> 00:09:22,440

are going to enjoy a lot being pilots

90

00:09:29,360 --> 00:09:25,620

and we get to guide this fantastic

91

00:09:31,610 --> 00:09:29,370

machine all the way from 17,000 miles

92

00:09:33,320 --> 00:09:31,620

per hours Mach 25 down to what we hope

93

00:10:53,710 --> 00:09:33,330

is a smooth and graceful landing in

94

00:11:00,739 --> 00:10:57,590

in Colombia in the on-orbit multi-axis

95

00:11:02,299 --> 00:11:00,749

RCS learn procedure orbit ops we were

96

00:11:05,030 --> 00:11:02,309

thinking we'll probably to burn with

97

00:11:11,359 --> 00:11:05,040

that open and up the homes helium if you

98

00:11:13,400 --> 00:11:11,369

could sir we copy and concur okay we're

99

00:11:28,470 --> 00:11:13,410

just gonna leave it configured as is you

100

00:12:17,630 --> 00:11:30,750

wanna be Houston we see good config for

101

00:12:17,640 --> 00:13:02,230

Columbia Houston good burn

102

00:13:02,240 --> 00:13:09,690

Houston Colombia for you kappa go ahead

103

00:13:21,400 --> 00:13:18,880

okay we just sixty degrees and we are