



SPACE TO GROUND

1
00:00:04,610 --> 00:00:02,530
Houston station on space to ground

2
00:00:06,530 --> 00:00:04,620
welcome to space to ground your weekly

3
00:00:08,480 --> 00:00:06,540
look at what's happening on board the

4
00:00:10,699 --> 00:00:08,490
International Space Station I'm Dan Huot

5
00:00:12,739 --> 00:00:10,709
the next cargo launch is just days away

6
00:00:15,289 --> 00:00:12,749
and the station crew and teams on the

7
00:00:17,419 --> 00:00:15,299
ground are getting ready SpaceX is

8
00:00:19,310 --> 00:00:17,429
seventh resupply mission is scheduled to

9
00:00:21,650 --> 00:00:19,320
launch from Cape Canaveral on Sunday

10
00:00:23,359 --> 00:00:21,660
June 28th and will bring more than two

11
00:00:26,599 --> 00:00:23,369
tons of supplies and research equipment

12
00:00:28,609 --> 00:00:26,609
to the expedition 44 crew nasa astronaut

13
00:00:30,499 --> 00:00:28,619

scott kelly brushed up on some robotics

14

00:00:33,110 --> 00:00:30,509

training this week as he'll be reaching

15

00:00:35,450 --> 00:00:33,120

out the station's canadarm2 to capture

16

00:00:37,550 --> 00:00:35,460

the dragon vehicle on Tuesday June 30th

17

00:00:39,650 --> 00:00:37,560

head over to nasa.gov slash

18

00:00:42,050 --> 00:00:39,660

SpaceX for updates and to learn how you

19

00:00:44,870 --> 00:00:42,060

can watch all of dragon's major flight

20

00:00:47,000 --> 00:00:44,880

events live a lot goes into spacecraft

21

00:00:48,950 --> 00:00:47,010

design in one study is looking at how

22

00:00:51,260 --> 00:00:48,960

astronauts hold up in their outer space

23

00:00:53,090 --> 00:00:51,270

homes for long periods of time the

24

00:00:54,830 --> 00:00:53,100

habitability study observes the

25

00:00:57,230 --> 00:00:54,840

relationship between long-duration crew

26
00:00:59,330 --> 00:00:57,240
members and their environment looking at

27
00:01:01,910 --> 00:00:59,340
factors like how much space people need

28
00:01:03,560 --> 00:01:01,920
and how areas should be laid out knowing

29
00:01:05,329 --> 00:01:03,570
this will help future spacecraft

30
00:01:07,220 --> 00:01:05,339
designers make living quarters as

31
00:01:08,930 --> 00:01:07,230
comfortable as possible for the men and

32
00:01:11,530 --> 00:01:08,940
women who will spend longer periods of

33
00:01:14,300 --> 00:01:11,540
time in space headed to places like Mars

34
00:01:15,680 --> 00:01:14,310
this week Jean wants to know how long it

35
00:01:17,899 --> 00:01:15,690
takes for astronauts to get used to

36
00:01:19,760 --> 00:01:17,909
gravity again well for most astronauts

37
00:01:21,890 --> 00:01:19,770
it only takes a couple of days to fully

38
00:01:24,590 --> 00:01:21,900

adapt back to hers gravity but there are

39

00:01:26,780 --> 00:01:24,600

a few things to overcome shortly after

40

00:01:28,310 --> 00:01:26,790

her return Italian astronaut Samantha

41

00:01:30,590 --> 00:01:28,320

Christopher Eddie told us about the

42

00:01:32,990 --> 00:01:30,600

biggest thing she noticed the first

43

00:01:35,000 --> 00:01:33,000

thing is really the weight I mean you

44

00:01:36,620 --> 00:01:35,010

know your body weighs so much everything

45

00:01:38,330 --> 00:01:36,630

that you try to hold in your hands would

46

00:01:40,340 --> 00:01:38,340

waste so much you're trying to you know

47

00:01:42,740 --> 00:01:40,350

just just reach with your hand that it

48

00:01:44,090 --> 00:01:42,750

weighs so much make sure to keep sending

49

00:01:46,399 --> 00:01:44,100

your questions and comments using the

50

00:01:47,870 --> 00:01:46,409

hashtag space-to-ground and did we

51

00:01:49,730 --> 00:01:47,880

mention it can take a little while to

52

00:01:51,620 --> 00:01:49,740

work out all of the kinks of being back

53

00:01:53,719 --> 00:01:51,630

in Earth's gravity we'll see you next