



SPACE TO GROUND

1
00:00:05,190 --> 00:00:03,270
houston station on space to ground

2
00:00:06,710 --> 00:00:05,200
welcome to space to ground your weekly

3
00:00:08,470 --> 00:00:06,720
look at what's happening on board the

4
00:00:10,470 --> 00:00:08,480
international space station i'm dan

5
00:00:12,549 --> 00:00:10,480
hewitt it's halloween and while we're

6
00:00:14,070 --> 00:00:12,559
putting on costumes here on earth two

7
00:00:16,470 --> 00:00:14,080
astronauts got dressed up for an

8
00:00:18,150 --> 00:00:16,480
important work function scott kelly and

9
00:00:21,029 --> 00:00:18,160
chell lindgren suited up for their first

10
00:00:23,189 --> 00:00:21,039
ever spacewalk on october 28th the pair

11
00:00:25,750 --> 00:00:23,199
worked outside the station for 7 hours

12
00:00:27,670 --> 00:00:25,760
and 16 minutes and completed a grab bag

13
00:00:29,990 --> 00:00:27,680

of tests including giving the alpha

14

00:00:32,389 --> 00:00:30,000

magnetic spectrometer special insulating

15

00:00:34,709 --> 00:00:32,399

blanket lubricating the station's main

16

00:00:36,549 --> 00:00:34,719

robotic arm and routing cables for a

17

00:00:38,709 --> 00:00:36,559

future docking adapter with this

18

00:00:40,790 --> 00:00:38,719

spacewalk in the books all eyes are now

19

00:00:43,110 --> 00:00:40,800

on november 6 when the pair will head

20

00:00:45,110 --> 00:00:43,120

outside again for more maintenance work

21

00:00:48,310 --> 00:00:45,120

and when scott kelly isn't outside

22

00:00:50,709 --> 00:00:48,320

spacewalking he's breaking space records

23

00:00:52,790 --> 00:00:50,719

back on october 16th kelly became the

24

00:00:55,189 --> 00:00:52,800

new american record holder for most time

25

00:00:58,229 --> 00:00:55,199

in space breaking fellow nasa astronaut

26

00:01:00,470 --> 00:00:58,239

mike fink's mark of 382 days and on

27

00:01:02,709 --> 00:01:00,480

october 29th kelly and his one-year

28

00:01:04,630 --> 00:01:02,719

crewmate mikhail korniyenko broke the

29

00:01:08,390 --> 00:01:04,640

record for longest single flight aboard

30

00:01:10,950 --> 00:01:08,400

the iss 215 days set by the expedition

31

00:01:12,469 --> 00:01:10,960

14 crew of mike lopez alegria and

32

00:01:14,310 --> 00:01:12,479

mikhail tierra

33

00:01:16,070 --> 00:01:14,320

this week's question is from caroline

34

00:01:17,830 --> 00:01:16,080

who wants to know what preparations need

35

00:01:20,149 --> 00:01:17,840

to take place ahead of a spacewalk like

36

00:01:22,390 --> 00:01:20,159

this week's well caroline it's a long

37

00:01:24,630 --> 00:01:22,400

list but a few of the things are prep

38

00:01:26,390 --> 00:01:24,640

the airlock resize the spacesuits charge

39

00:01:27,830 --> 00:01:26,400

the batteries clean the cooling loops

40

00:01:30,069 --> 00:01:27,840

make sure the suit's fit prep the

41

00:01:32,069 --> 00:01:30,079

equipment lock review procedures virtual

42

00:01:34,550 --> 00:01:32,079

reality training talk to spacewalk teams

43

00:01:35,990 --> 00:01:34,560

gather tools and pack their bags then

44

00:01:37,749 --> 00:01:36,000

they're all set to head out of the

45

00:01:39,510 --> 00:01:37,759

airlock for six to eight hours of

46

00:01:40,950 --> 00:01:39,520

walking with their hands

47

00:01:43,350 --> 00:01:40,960

keep sending us your questions and

48

00:01:46,069 --> 00:01:43,360

comments using the hashtag spacetoground

49

00:01:48,149 --> 00:01:46,079

we'll see you next week

50

00:01:49,510 --> 00:01:48,159

okay can someone help me out of this

