



# SPACE TO GROUND

1  
00:00:04,470 --> 00:00:02,790  
houston station on space to ground

2  
00:00:06,230 --> 00:00:04,480  
welcome to space to ground your weekly

3  
00:00:08,070 --> 00:00:06,240  
look at what's happening on board the

4  
00:00:09,110 --> 00:00:08,080  
international space station i'm amico

5  
00:00:10,950 --> 00:00:09,120  
calder

6  
00:00:12,549 --> 00:00:10,960  
three new crew members have arrived at

7  
00:00:14,470 --> 00:00:12,559  
the station to complete the crew of

8  
00:00:16,310 --> 00:00:14,480  
expedition 44.

9  
00:00:19,029 --> 00:00:16,320  
first timers nasa astronaut shell

10  
00:00:20,950 --> 00:00:19,039  
lingard and japanese astronaut kimia yui

11  
00:00:23,509 --> 00:00:20,960  
along with veteran space flier russian

12  
00:00:25,670 --> 00:00:23,519  
cosmonaut oleg kononenko had quite a

13  
00:00:27,429 --> 00:00:25,680

busy day leading up to launch after

14

00:00:29,269 --> 00:00:27,439

waking up they signed their hotel room

15

00:00:31,349 --> 00:00:29,279

doors and then headed to the launch site

16

00:00:32,790 --> 00:00:31,359

for suit up after saying farewell to

17

00:00:35,190 --> 00:00:32,800

their families and friends they waved

18

00:00:37,030 --> 00:00:35,200

goodbye and boarded their soyuz rocket

19

00:00:39,190 --> 00:00:37,040

the trio launched from the baikonur

20

00:00:41,670 --> 00:00:39,200

cosmodrome on thursday morning and took

21

00:00:43,670 --> 00:00:41,680

about a nine minute trip into orbit

22

00:00:45,270 --> 00:00:43,680

six hours later the soyuz carrying

23

00:00:46,790 --> 00:00:45,280

station's newest crew members docked to

24

00:00:49,350 --> 00:00:46,800

the international space station while

25

00:00:53,350 --> 00:00:49,360

flying 260 miles above the ocean near

26  
00:00:55,189 --> 00:00:53,360  
ecuador at 17 500 miles per hour

27  
00:00:56,869 --> 00:00:55,199  
less than two hours after their arrival

28  
00:00:58,790 --> 00:00:56,879  
the hatches were open and the new

29  
00:01:01,430 --> 00:00:58,800  
station residents joined the onboard

30  
00:01:03,349 --> 00:01:01,440  
crew of gennady padalka scott kelly and

31  
00:01:05,189 --> 00:01:03,359  
mikhail konienko

32  
00:01:07,109 --> 00:01:05,199  
the two space newcomers are now

33  
00:01:09,510 --> 00:01:07,119  
connecting to people back on earth from

34  
00:01:11,830 --> 00:01:09,520  
their new orbital home follow the wonder

35  
00:01:14,469 --> 00:01:11,840  
through their eyes on twitter at astro

36  
00:01:16,230 --> 00:01:14,479  
shell and astro kimia

37  
00:01:18,390 --> 00:01:16,240  
this week's social media question is

38  
00:01:21,030 --> 00:01:18,400

from programmerdude and he asked how

39

00:01:22,789 --> 00:01:21,040

does the iss smell well

40

00:01:24,630 --> 00:01:22,799

many space travelers have described the

41

00:01:26,149 --> 00:01:24,640

smell of space that is experienced upon

42

00:01:28,789 --> 00:01:26,159

opening the hatches of a newly arrived

43

00:01:30,710 --> 00:01:28,799

spacecraft as a distinct odor recently

44

00:01:32,390 --> 00:01:30,720

space veteran scott kelly related that

45

00:01:34,710 --> 00:01:32,400

smell to the combination of two

46

00:01:38,149 --> 00:01:34,720

unrelated odors here on earth

47

00:01:39,109 --> 00:01:38,159

you know the the smell is a combination

48

00:01:41,670 --> 00:01:39,119

of

49

00:01:44,870 --> 00:01:41,680

you know occasionally like an antiseptic

50

00:01:47,990 --> 00:01:44,880

smell combined with like garbage

51

00:01:49,510 --> 00:01:48,000

you know but it doesn't really smell bad

52

00:01:51,510 --> 00:01:49,520

make sure to keep sending us your