



SPACE TO GROUND

1
00:00:05,030 --> 00:00:03,189
houston station on space to ground

2
00:00:06,470 --> 00:00:05,040
welcome to space to ground your weekly

3
00:00:08,150 --> 00:00:06,480
look at what's happening on board the

4
00:00:10,549 --> 00:00:08,160
international space station i'm gary

5
00:00:12,150 --> 00:00:10,559
jordan it was a bittersweet morning as

6
00:00:14,310 --> 00:00:12,160
three of our crew members said farewell

7
00:00:15,990 --> 00:00:14,320
to space and hello to mother earth

8
00:00:18,070 --> 00:00:16,000
chella ingram kamiya yui and oleg

9
00:00:20,150 --> 00:00:18,080
kononenko have returned safe and sound

10
00:00:22,150 --> 00:00:20,160
in their soyuz spacecraft on what was a

11
00:00:24,950 --> 00:00:22,160
chilly night over in kazakhstan

12
00:00:27,109 --> 00:00:24,960
completing 141 days in space and a ton

13
00:00:28,070 --> 00:00:27,119

of great science research and outreach

14

00:00:29,669 --> 00:00:28,080

events

15

00:00:31,589 --> 00:00:29,679

but we wanted to be sure not to send

16

00:00:33,670 --> 00:00:31,599

them out without a little care package

17

00:00:34,470 --> 00:00:33,680

though i wouldn't call 7 300 pounds

18

00:00:36,229 --> 00:00:34,480

little

19

00:00:38,549 --> 00:00:36,239

the cygnus cargo vehicle launched from

20

00:00:40,470 --> 00:00:38,559

cape canaveral florida this past sunday

21

00:00:42,470 --> 00:00:40,480

after a flawless flight and a long and

22

00:00:43,830 --> 00:00:42,480

carefully planned journey the spacecraft

23

00:00:45,430 --> 00:00:43,840

arrived wednesday morning where

24

00:00:47,270 --> 00:00:45,440

astronaut cho lindgren used the

25

00:00:49,350 --> 00:00:47,280

station's robotic arm to grapple the

26

00:00:51,750 --> 00:00:49,360

vehicle and attach it to the complex

27

00:00:53,510 --> 00:00:51,760

revealing food spare parts scientific

28

00:00:54,389 --> 00:00:53,520

experiments and even a few holiday

29

00:00:55,750 --> 00:00:54,399

treats

30

00:00:57,590 --> 00:00:55,760

while there are now just three crew

31

00:00:59,189 --> 00:00:57,600

members left on station it won't be that

32

00:01:01,750 --> 00:00:59,199

way for very long

33

00:01:03,910 --> 00:01:01,760

next week the expedition 46 crew of nasa

34

00:01:05,670 --> 00:01:03,920

astronaut tim copra british astronaut

35

00:01:07,109 --> 00:01:05,680

tim peake and russian cosmonaut yuri

36

00:01:09,510 --> 00:01:07,119

malenchenko will launch from the

37

00:01:11,270 --> 00:01:09,520

baikonur cosmodrome on december 15th to

38

00:01:13,109 --> 00:01:11,280

bring the station's population back up

39

00:01:15,109 --> 00:01:13,119

to six they've been in baikonur

40

00:01:16,789 --> 00:01:15,119

kazakhstan since november 30th preparing

41

00:01:18,390 --> 00:01:16,799

for their trip to the station they've

42

00:01:20,390 --> 00:01:18,400

tried on their spacesuits inspected

43

00:01:22,230 --> 00:01:20,400

their soyuz spacecraft and brushed up on

44

00:01:24,149 --> 00:01:22,240

training they even found a little time

45

00:01:25,109 --> 00:01:24,159

to relax ahead of their december 15th

46

00:01:27,429 --> 00:01:25,119

launch

47

00:01:29,990 --> 00:01:27,439

for nasa tv coverage times and to watch

48

00:01:31,270 --> 00:01:30,000

live log on to nasa.gov

49

00:01:32,710 --> 00:01:31,280

ntv

50

00:01:34,950 --> 00:01:32,720

this week's twitter question comes from

51
00:01:36,870 --> 00:01:34,960
amy blive whose first grade class wants

52
00:01:38,390 --> 00:01:36,880
to know if astronauts can get a cold or

53
00:01:40,789 --> 00:01:38,400
the flu in space

54
00:01:41,830 --> 00:01:40,799
the short answer is yes but it's highly

55
00:01:43,190 --> 00:01:41,840
unlikely

56
00:01:45,190 --> 00:01:43,200
some of the astronauts have come down

57
00:01:46,789 --> 00:01:45,200
with infections in the past but nasa has

58
00:01:48,950 --> 00:01:46,799
developed procedures to be certain that

59
00:01:50,870 --> 00:01:48,960
no bacterium or virus ever enters the

60
00:01:52,389 --> 00:01:50,880
station that's how astronauts got stuck

61
00:01:54,469 --> 00:01:52,399
with house cleaning duties every

62
00:01:56,149 --> 00:01:54,479
saturday but in the rare event that an

63
00:01:57,749 --> 00:01:56,159

astronaut does get sick they have a

64

00:01:59,910 --> 00:01:57,759

small pharmacy on board that can help

65

00:02:01,109 --> 00:01:59,920

counter most symptoms keep sending us

66

00:02:02,789 --> 00:02:01,119

your questions and comments with the