



Space to Ground

1
00:00:07,030 --> 00:00:05,110
houston station on space to ground

2
00:00:09,509 --> 00:00:07,040
welcome to space to ground i'm sandra

3
00:00:11,589 --> 00:00:09,519
jones it was another busy week for the

4
00:00:13,830 --> 00:00:11,599
crew on board the international space

5
00:00:17,910 --> 00:00:13,840
station as they prepared to welcome four

6
00:00:21,750 --> 00:00:17,920
new humans to the orbital outpost

7
00:00:24,470 --> 00:00:21,760
go falcon go dragon god speed axiom

8
00:00:26,230 --> 00:00:24,480
on friday april 8 the first private

9
00:00:28,310 --> 00:00:26,240
astronaut mission to the international

10
00:00:30,790 --> 00:00:28,320
space station launched from nasa's

11
00:00:33,030 --> 00:00:30,800
kennedy space center in florida the crew

12
00:00:36,150 --> 00:00:33,040
of axiom mission one which includes

13
00:00:38,630 --> 00:00:36,160

michael lopez alegria larry connor mark

14

00:00:40,950 --> 00:00:38,640

pathy and eton stibby will conduct a

15

00:00:43,830 --> 00:00:40,960

variety of in-orbit activities during

16

00:00:46,069 --> 00:00:43,840

their mission before returning to earth

17

00:00:47,910 --> 00:00:46,079

back on the ground another quartet of

18

00:00:49,590 --> 00:00:47,920

astronauts are gearing up for their

19

00:00:52,310 --> 00:00:49,600

space launch

20

00:00:54,790 --> 00:00:52,320

nasa astronauts chell lingard bob hines

21

00:00:56,549 --> 00:00:54,800

and jessica watkins as well as european

22

00:00:58,150 --> 00:00:56,559

space agency astronaut samantha

23

00:01:00,069 --> 00:00:58,160

christopher reddy are scheduled to

24

00:01:02,790 --> 00:01:00,079

launch to the space station later this

25

00:01:04,950 --> 00:01:02,800

month during the spacex crew 4 mission

26
00:01:07,429 --> 00:01:04,960
the astronauts will conduct experiments

27
00:01:09,270 --> 00:01:07,439
on the aging of the immune system how a

28
00:01:11,590 --> 00:01:09,280
concrete alternative behaves in

29
00:01:13,750 --> 00:01:11,600
microgravity and they will test a new

30
00:01:17,030 --> 00:01:13,760
plant growth system that allows video

31
00:01:19,350 --> 00:01:17,040
and still imagery of root growth

32
00:01:21,109 --> 00:01:19,360
you can hear chell bob jessica and

33
00:01:22,950 --> 00:01:21,119
samantha talk about their upcoming

34
00:01:24,710 --> 00:01:22,960
mission to the space station on this

35
00:01:27,429 --> 00:01:24,720
week's edition of houston we have a

36
00:01:30,710 --> 00:01:27,439
podcast you can find this and other nasa

37
00:01:32,789 --> 00:01:30,720
podcasts by going to [nasa.gov](https://nasa.gov/podcasts) podcasts

38
00:01:34,710 --> 00:01:32,799

apple podcasts google podcasts and

39

00:01:36,710 --> 00:01:34,720

soundcloud

40

00:01:39,350 --> 00:01:36,720

the international space station ham

41

00:01:41,270 --> 00:01:39,360

radio continues to provide opportunities

42

00:01:43,350 --> 00:01:41,280

for several audiences to communicate

43

00:01:44,630 --> 00:01:43,360

with astronauts using amateur radio

44

00:01:46,789 --> 00:01:44,640

units

45

00:01:48,789 --> 00:01:46,799

before a scheduled call students learn

46

00:01:51,429 --> 00:01:48,799

about the station and how the amateur

47

00:01:53,590 --> 00:01:51,439

radio works among other topics students

48

00:01:55,749 --> 00:01:53,600

are also tasked to prepare questions on

49

00:01:57,990 --> 00:01:55,759

topics they have researched speaking

50

00:02:00,230 --> 00:01:58,000

directly with an astronaut in space is

51
00:02:02,709 --> 00:02:00,240
an experience to say the least and

52
00:02:04,630 --> 00:02:02,719
sparks interest in science technology

53
00:02:08,150 --> 00:02:04,640
engineering and mathematics to help

54
00:02:10,229 --> 00:02:08,160
inspire the next generation of explorers

55
00:02:12,229 --> 00:02:10,239
and that's space to ground for this week

56
00:02:13,500 --> 00:02:12,239
thanks so much for watching we'll see

57
00:02:20,830 --> 00:02:13,510
you next