



Space to Ground

1
00:00:06,710 --> 00:00:04,950
houston station on space to ground

2
00:00:08,629 --> 00:00:06,720
welcome to space to ground i'm shanique

3
00:00:10,470 --> 00:00:08,639
wolverine this week the first

4
00:00:12,150 --> 00:00:10,480
all-private astronaut mission docked to

5
00:00:14,310 --> 00:00:12,160
the international space station while

6
00:00:16,390 --> 00:00:14,320
preparations are underway for a pair of

7
00:00:18,790 --> 00:00:16,400
russian spacewalks

8
00:00:21,349 --> 00:00:18,800
on saturday april 9th after a journey of

9
00:00:23,990 --> 00:00:21,359
almost 21 hours the axiom mission 1

10
00:00:26,550 --> 00:00:24,000
astronauts michael lopez alegria larry

11
00:00:27,830 --> 00:00:26,560
connor etan stebih and mark pathy

12
00:00:30,310 --> 00:00:27,840
arrived at the international space

13
00:00:31,910 --> 00:00:30,320

station the spacex dragon spacecraft

14

00:00:34,709 --> 00:00:31,920

docked to the harmony module while the

15

00:00:36,470 --> 00:00:34,719

spacecraft were flying about 260 miles

16

00:00:38,709 --> 00:00:36,480

above the atlantic ocean

17

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

lopez alegria is on his fourth space

18

00:00:43,670 --> 00:00:40,800

flight and his first as an axiom space

19

00:00:45,830 --> 00:00:43,680

astronaut he partnered with ax1 pilot

20

00:00:48,630 --> 00:00:45,840

larry connor to explore how living in

21

00:00:51,189 --> 00:00:48,640

microgravity affects cellular aging and

22

00:00:53,750 --> 00:00:51,199

cardiac cells the other two axiom one

23

00:00:56,709 --> 00:00:53,760

astronauts mark pathy and eton stevie

24

00:00:59,029 --> 00:00:56,719

explored dna sequencing brain dynamics

25

00:01:01,670 --> 00:00:59,039

the cardiovascular system and tested

26

00:01:04,630 --> 00:01:01,680

holocortation or transmitting mixed

27

00:01:05,670 --> 00:01:04,640

reality 360 degree images of humans to

28

00:01:07,910 --> 00:01:05,680

space

29

00:01:09,990 --> 00:01:07,920

the flight of axiom one represents both

30

00:01:12,070 --> 00:01:10,000

a culmination of nasa's efforts to

31

00:01:14,390 --> 00:01:12,080

foster a commercial market in low earth

32

00:01:16,390 --> 00:01:14,400

orbit and a beginning of a new era of

33

00:01:19,910 --> 00:01:16,400

space exploration that will enable more

34

00:01:21,910 --> 00:01:19,920

people to fly on more kinds of missions

35

00:01:24,870 --> 00:01:21,920

looking ahead a pair of russian space

36

00:01:27,190 --> 00:01:24,880

walkers will venture outside the station

37

00:01:29,030 --> 00:01:27,200

two cosmonauts continue gearing up for a

38

00:01:31,270 --> 00:01:29,040

pair of spacewalks the first to be

39

00:01:33,350 --> 00:01:31,280

conducted on monday april 18th to

40

00:01:35,190 --> 00:01:33,360

configure the naoka multi-purpose

41

00:01:36,469 --> 00:01:35,200

laboratory module for the european

42

00:01:38,550 --> 00:01:36,479

robotic arm

43

00:01:41,030 --> 00:01:38,560

ross cosmos flight engineers oleg

44

00:01:42,789 --> 00:01:41,040

artemyev and denise machvaeff had a

45

00:01:44,789 --> 00:01:42,799

fitness test checked their orland

46

00:01:47,350 --> 00:01:44,799

spacesuits and installed pressure tanks

47

00:01:49,590 --> 00:01:47,360

in the poisk module as part of standard

48

00:01:52,069 --> 00:01:49,600

pre-spacewalk preparations

49

00:01:53,590 --> 00:01:52,079

russian flight engineer sergey korsakov

50

00:01:55,270 --> 00:01:53,600

set up hardware to assist the

51
00:01:56,950 --> 00:01:55,280
spacewalkers for their robotics work

52
00:01:58,950 --> 00:01:56,960
outside naoka

53
00:02:02,550 --> 00:01:58,960
as always you can watch the spacewalk

54
00:02:05,270 --> 00:02:02,560
live on nasa tv nasa.gov in the nasa app

55
00:02:07,109 --> 00:02:05,280
coverage starts at 10 am eastern

56
00:02:08,949 --> 00:02:07,119
you can get a daily on-orbit status

57
00:02:10,350 --> 00:02:08,959
report by visiting our space station

58
00:02:11,990 --> 00:02:10,360
blog at

59
00:02:13,750 --> 00:02:12,000
blogs.nasa.gov

60
00:02:15,430 --> 00:02:13,760
that's space to ground for this week

61
00:02:29,350 --> 00:02:15,440
thanks for watching we'll see you next