



Space**to**Ground

1
00:00:05,650 --> 00:00:02,790
foreign

2
00:00:08,690 --> 00:00:05,660
[Music]

3
00:00:10,430 --> 00:00:08,700
I'm Chelsea ballarte next week two

4
00:00:12,650 --> 00:00:10,440
spacecraft are making their way to the

5
00:00:14,990 --> 00:00:12,660
International Space Station one will

6
00:00:17,510 --> 00:00:15,000
take four humans to and from the station

7
00:00:19,790 --> 00:00:17,520
on a planned eight-day Mission and the

8
00:00:21,170 --> 00:00:19,800
other will make a delivery of food Fuel

9
00:00:23,269 --> 00:00:21,180
and supplies

10
00:00:25,429 --> 00:00:23,279
the human mission is called Axia mission

11
00:00:27,589 --> 00:00:25,439
2 and it's the second private astronaut

12
00:00:29,210 --> 00:00:27,599
mission to the space station the crew

13
00:00:31,189 --> 00:00:29,220

consists of Commander Peggy Whitson

14

00:00:33,590 --> 00:00:31,199
pilot John schoffner and Mission

15

00:00:35,569 --> 00:00:33,600
specialist Ali alcarni and rayana

16

00:00:37,970 --> 00:00:35,579
barnawi representing the Kingdom of

17

00:00:40,010 --> 00:00:37,980
Saudi Arabia these four are launching

18

00:00:43,010 --> 00:00:40,020
from NASA's Canby Space Center on Sunday

19

00:00:45,889 --> 00:00:43,020
May 21st our coverage will begin at 4 30

20

00:00:48,229 --> 00:00:45,899
PM Eastern on NASA TV and on your NASA

21

00:00:50,029 --> 00:00:48,239
app then on Wednesday you can catch the

22

00:00:52,250 --> 00:00:50,039
launch of a progress cargo spacecraft

23

00:00:54,110 --> 00:00:52,260
making a delivery to the poisk module of

24

00:00:55,790 --> 00:00:54,120
the space station it doesn't have people

25

00:00:57,889 --> 00:00:55,800
on board but it does carry vital

26
00:01:00,410 --> 00:00:57,899
supplies and cargo for the people living

27
00:01:02,930 --> 00:01:00,420
in space and we'll be live on NASA TV

28
00:01:05,030 --> 00:01:02,940
with launch coverage at 8 30 a.m Eastern

29
00:01:06,890 --> 00:01:05,040
the spacecraft is expected to arrive at

30
00:01:08,630 --> 00:01:06,900
the station just a few hours later and

31
00:01:10,130 --> 00:01:08,640
will continue coverage of docking at 11

32
00:01:12,649 --> 00:01:10,140
30 A.M

33
00:01:14,690 --> 00:01:12,659
right now NASA astronaut Mark vandehei

34
00:01:18,230 --> 00:01:14,700
holds the record for the single longest

35
00:01:20,450 --> 00:01:18,240
space flight by an American he spent 355

36
00:01:23,090 --> 00:01:20,460
days straight aboard the station just 10

37
00:01:25,010 --> 00:01:23,100
days shy of a year but Frank Rubio who's

38
00:01:26,330 --> 00:01:25,020

in space right now is set to break that

39

00:01:28,550 --> 00:01:26,340

record

40

00:01:31,010 --> 00:01:28,560

Rubio is going to become the first U.S

41

00:01:32,870 --> 00:01:31,020

astronaut to spend a year in space he

42

00:01:34,910 --> 00:01:32,880

just hit his 200-day marker back in

43

00:01:36,710 --> 00:01:34,920

April so he has a long way left to go

44

00:01:38,450 --> 00:01:36,720

he'll spend his time doing science

45

00:01:40,730 --> 00:01:38,460

experiments and maintaining the space

46

00:01:43,069 --> 00:01:40,740

station before coming back home as for

47

00:01:45,350 --> 00:01:43,079

Mark vandehei he says he's just fine

48

00:01:46,609 --> 00:01:45,360

with his record being broken I want this

49

00:01:48,890 --> 00:01:46,619

to be remembered as a stepping stone

50

00:01:50,389 --> 00:01:48,900

this type of long duration flight is

51
00:01:51,830 --> 00:01:50,399
something we need to do so I'm really

52
00:01:54,590 --> 00:01:51,840
looking forward to the next person doing

53
00:01:56,690 --> 00:01:54,600
something longer to help further our

54
00:02:06,410 --> 00:01:56,700
ability to explore further and further

55
00:02:11,089 --> 00:02:08,570
they got to talk to NASA astronaut Woody

56
00:02:12,650 --> 00:02:11,099
hoberg hoberg actually attended School

57
00:02:14,390 --> 00:02:12,660
in the district back when he was a

58
00:02:15,589 --> 00:02:14,400
student and spent some time answering

59
00:02:17,869 --> 00:02:15,599
their questions

60
00:02:19,010 --> 00:02:17,879
hi I'm srikhar and I wanted to know what

61
00:02:21,229 --> 00:02:19,020
kind of research the crew is doing

62
00:02:23,690 --> 00:02:21,239
during this Mission we do a ton of

63
00:02:24,949 --> 00:02:23,700

research up here science is actually the

64

00:02:27,050 --> 00:02:24,959

purpose of the International Space

65

00:02:29,990 --> 00:02:27,060

Station this is one of the United States

66

00:02:31,970 --> 00:02:30,000

National Laboratories we're doing at any

67

00:02:34,010 --> 00:02:31,980

given time hundreds of scientific

68

00:02:36,110 --> 00:02:34,020

studies aboard the space station

69

00:02:37,729 --> 00:02:36,120

in honor of the event the school decked

70

00:02:39,830 --> 00:02:37,739

out their Auditorium with some NASA

71

00:02:42,170 --> 00:02:39,840

themed art these events are called

72

00:02:43,670 --> 00:02:42,180

education downlinks if you want an

73

00:02:47,690 --> 00:02:43,680

astronaut to give a call to your school

74

00:02:49,250 --> 00:02:47,700

apply at nasa.gov for educators

75

00:02:50,270 --> 00:02:49,260

that's space to ground for this week

