



Space**to**Ground

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

2
00:00:08,950 --> 00:00:07,120
welcome to space to ground i'm anna

3
00:00:11,669 --> 00:00:08,960
cristina alberta coming to you from

4
00:00:13,830 --> 00:00:11,679
mexico city we're at the midpoint of

5
00:00:15,910 --> 00:00:13,840
2021 and the work on board the

6
00:00:20,710 --> 00:00:15,920
international space station is in high

7
00:00:25,349 --> 00:00:23,429
endeavor launches once again four

8
00:00:27,029 --> 00:00:25,359
astronauts from three countries on crew

9
00:00:29,589 --> 00:00:27,039
2 now making their way to the one and

10
00:00:32,229 --> 00:00:29,599
only international space station

11
00:00:34,470 --> 00:00:32,239
we are on an amazing pace with more long

12
00:00:36,790 --> 00:00:34,480
duration crew members arriving to the

13
00:00:39,270 --> 00:00:36,800

station the first half of the year saw

14

00:00:41,350 --> 00:00:39,280

the launch of four astronauts on nasa's

15

00:00:44,389 --> 00:00:41,360

spacex crew to mission to the space

16

00:00:46,869 --> 00:00:44,399

station and the return of crew one we

17

00:00:48,950 --> 00:00:46,879

saw the arrival of several cargo flights

18

00:00:51,189 --> 00:00:48,960

loaded with science and payloads

19

00:00:54,790 --> 00:00:51,199

including the first set of new solar

20

00:00:57,189 --> 00:00:54,800

arrays to increase the power of the iss

21

00:00:59,830 --> 00:00:57,199

the first six months of the year kept

22

00:01:01,990 --> 00:00:59,840

crew members busy both inside and

23

00:01:04,630 --> 00:01:02,000

outside of the station

24

00:01:07,109 --> 00:01:04,640

just a few days ago astronauts completed

25

00:01:09,830 --> 00:01:07,119

the installation of new solar rays

26
00:01:12,390 --> 00:01:09,840
during a set of spacewalks so far this

27
00:01:14,710 --> 00:01:12,400
year we have conducted nine space walks

28
00:01:16,870 --> 00:01:14,720
including work to prepare the station

29
00:01:19,109 --> 00:01:16,880
for a new science module place to ground

30
00:01:21,830 --> 00:01:19,119
and speaking of science the first half

31
00:01:23,510 --> 00:01:21,840
of 2021 has seen hundreds of scientific

32
00:01:25,429 --> 00:01:23,520
investigations and technology

33
00:01:26,469 --> 00:01:25,439
demonstrations aboard the orbiting

34
00:01:28,950 --> 00:01:26,479
laboratory

35
00:01:31,109 --> 00:01:28,960
some of the research includes using 3d

36
00:01:33,830 --> 00:01:31,119
engineered tissues in order to better

37
00:01:35,749 --> 00:01:33,840
understand hard problems understanding

38
00:01:38,069 --> 00:01:35,759

how plants grow with the name of

39

00:01:40,789 --> 00:01:38,079

improving cultivation in space for

40

00:01:42,870 --> 00:01:40,799

future missions to the moon and mars

41

00:01:45,670 --> 00:01:42,880

monitoring the ozone levels and carbon

42

00:01:47,910 --> 00:01:45,680

dioxide emissions in our atmosphere and

43

00:01:50,389 --> 00:01:47,920

much more the international space

44

00:01:52,789 --> 00:01:50,399

station is a test bed for technologies

45

00:01:55,030 --> 00:01:52,799

that may help us on future missions of

46

00:01:56,389 --> 00:01:55,040

the earth and for improving life on the

47

00:01:58,310 --> 00:01:56,399

earth

48

00:02:00,310 --> 00:01:58,320

the second half of the year will see

49

00:02:03,030 --> 00:02:00,320

more missions to the station and the

50

00:02:05,749 --> 00:02:03,040

launch of new vehicles

51
00:02:08,309 --> 00:02:05,759
our commercial crew provider boeing will

52
00:02:11,029 --> 00:02:08,319
launch the station in late july with an

53
00:02:13,510 --> 00:02:11,039
uncrewed orbital fly test mission this

54
00:02:16,630 --> 00:02:13,520
october spacex will launch four more

55
00:02:19,510 --> 00:02:16,640
astronauts to the station on crew 3 the

56
00:02:21,350 --> 00:02:19,520
fourth good flight of dragon

57
00:02:23,830 --> 00:02:21,360
two crews are set to launch from

58
00:02:26,790 --> 00:02:23,840
baikonur to the station aboard russian

59
00:02:28,949 --> 00:02:26,800
seduced spacecrafts and nasa and boeing

60
00:02:31,430 --> 00:02:28,959
are looking for opportunities toward the

61
00:02:33,270 --> 00:02:31,440
end of this year to fly starliner's

62
00:02:35,270 --> 00:02:33,280
first uncrewed mission

63
00:02:37,589 --> 00:02:35,280

also launching to the station a new

64

00:02:39,830 --> 00:02:37,599

multi-purpose laboratory module the

65

00:02:44,229 --> 00:02:39,840

russian nauka module dedicated to

66

00:02:46,550 --> 00:02:44,239

scientific research will launch in july

67

00:02:49,270 --> 00:02:46,560

as we stated earlier we are coming to

68

00:02:52,390 --> 00:02:49,280

you from mexico city which is the home

69

00:02:55,990 --> 00:02:52,400

of espaciotierra the spanish version of

70

00:03:00,630 --> 00:02:57,990

with nearly half a billion spanish

71

00:03:02,710 --> 00:03:00,640

speakers around the world espaciotierra

72

00:03:04,790 --> 00:03:02,720

is just one of nasa's efforts to share

73

00:03:07,589 --> 00:03:04,800

the mission of the space station to an

74

00:03:09,589 --> 00:03:07,599

international audience we invite you to

75

00:03:12,630 --> 00:03:09,599

follow the excitement of human space

76

00:03:15,110 --> 00:03:12,640

flight in spanish on twitter instagram

77

00:03:17,190 --> 00:03:15,120

facebook and youtube

78

00:03:19,430 --> 00:03:17,200

that's space to ground for this week