



Space**to**Ground

1
00:00:05,590 --> 00:00:02,790
foreign

2
00:00:08,750 --> 00:00:05,600
[Music]

3
00:00:11,030 --> 00:00:08,760
I'm Sandra Jones this week the space

4
00:00:13,549 --> 00:00:11,040
station has a new Commander a trio

5
00:00:15,709 --> 00:00:13,559
Departed the orbital Outpost and a crew

6
00:00:16,730 --> 00:00:15,719
quartet is preparing for their upcoming

7
00:00:19,490 --> 00:00:16,740
flight

8
00:00:21,290 --> 00:00:19,500
on Wednesday Esa astronaut Samantha

9
00:00:23,929 --> 00:00:21,300
Christopher ready became the first

10
00:00:25,429 --> 00:00:23,939
female from the European Space Agency to

11
00:00:29,689 --> 00:00:25,439
assume command of the International

12
00:00:32,810 --> 00:00:29,699
Space Station we are just one tiny part

13
00:00:36,049 --> 00:00:32,820

of a gigantic team on the ground so

14

00:00:39,049 --> 00:00:36,059

thank you so much to all the teams in in

15

00:00:43,369 --> 00:00:39,059

Houston in Hansville in Munich in in

16

00:00:45,650 --> 00:00:43,379

sukuba in Moscow for supporting and and

17

00:00:48,410 --> 00:00:45,660

making sure that the International Space

18

00:00:51,950 --> 00:00:48,420

Station remains an amazing laboratory in

19

00:00:54,410 --> 00:00:51,960

space and a human Outpost in in low

20

00:00:56,930 --> 00:00:54,420

earth orbit a change of command ceremony

21

00:00:58,850 --> 00:00:56,940

took place in which Oleg artemiev of

22

00:01:00,889 --> 00:00:58,860

Rose Cosmos handed over command to

23

00:01:02,689 --> 00:01:00,899

Christopher ready as artemia prepared to

24

00:01:05,690 --> 00:01:02,699

return back to Earth following his

25

00:01:08,630 --> 00:01:05,700

six-month mission on Thursday Rose

26
00:01:11,210 --> 00:01:08,640
Cosmos cosmonauts artemiev Denise matve

27
00:01:14,210 --> 00:01:11,220
and Sergey korsakov climbed inside their

28
00:01:16,130 --> 00:01:14,220
soyuz ms-21 vehicle and undocked from

29
00:01:18,469 --> 00:01:16,140
the Space Station's pre-shaw module

30
00:01:20,690 --> 00:01:18,479
follow following undocking the crew

31
00:01:23,090 --> 00:01:20,700
landed in the steps of Kazakhstan later

32
00:01:25,670 --> 00:01:23,100
that day the three cosmonauts launched

33
00:01:28,789 --> 00:01:25,680
to the station on March 18th and spent a

34
00:01:30,490 --> 00:01:28,799
total of 185 days in space during which

35
00:01:34,130 --> 00:01:30,500
time they completed

36
00:01:36,469 --> 00:01:34,140
2960 orbits of the earth and traveled 77

37
00:01:39,109 --> 00:01:36,479
million cumulative miles

38
00:01:41,990 --> 00:01:39,119

the next crew of space Flyers is gearing

39

00:01:44,749 --> 00:01:42,000

up for their upcoming science mission

40

00:01:47,090 --> 00:01:44,759

NASA astronauts Nicole Mann and Josh

41

00:01:49,149 --> 00:01:47,100

cassida as well as Japan Aerospace

42

00:01:51,770 --> 00:01:49,159

Exploration Agency astronaut

43

00:01:53,810 --> 00:01:51,780

koichiwakata and Rose Cosmos Cosmonaut

44

00:01:55,249 --> 00:01:53,820

and akikina are preparing for their

45

00:01:57,469 --> 00:01:55,259

upcoming launch to the orbital

46

00:01:59,569 --> 00:01:57,479

laboratory once on board the crew will

47

00:02:01,550 --> 00:01:59,579

conduct experiments related to blood

48

00:02:03,530 --> 00:02:01,560

pressure heart disease bioprinting

49

00:02:06,230 --> 00:02:03,540

continued observation of liquids in

50

00:02:08,330 --> 00:02:06,240

microgravity and much more to learn more

51
00:02:10,070 --> 00:02:08,340
about the research crew 5 will be

52
00:02:13,369 --> 00:02:10,080
involved with check out the science

53
00:02:15,290 --> 00:02:13,379
highlights web feature on nasa.gov and

54
00:02:17,510 --> 00:02:15,300
to hear from the crew themselves about

55
00:02:19,729 --> 00:02:17,520
their upcoming Mission be sure to listen

56
00:02:22,010 --> 00:02:19,739
to this week's episode of Houston we

57
00:02:24,170 --> 00:02:22,020
have a podcast which features crew 5

58
00:02:26,809 --> 00:02:24,180
discussing their upcoming space flight

59
00:02:29,930 --> 00:02:26,819
you can find this conversation by going

60
00:02:32,390 --> 00:02:29,940
to nasa.gov podcasts

61
00:02:34,729 --> 00:02:32,400
Houston we have a podcast along with the

62
00:02:36,949 --> 00:02:34,739
full library of NASA podcasts are also

63
00:02:40,070 --> 00:02:36,959

available on Apple podcasts Google

64
00:02:42,110 --> 00:02:40,080
podcasts and SoundCloud and that's space

65
00:02:44,020 --> 00:02:42,120
to ground for this week thanks so much

66
00:03:04,850 --> 00:02:44,030
for watching we'll see you next week