



SPACE TO GROUND

1
00:00:04,360 --> 00:00:02,200
Houston station on space to ground

2
00:00:06,159 --> 00:00:04,370
welcome to space to ground your weekly

3
00:00:08,200 --> 00:00:06,169
look at what's happening on board the

4
00:00:11,500 --> 00:00:08,210
International Space Station I'm Crawford

5
00:00:13,450 --> 00:00:11,510
Jones ISS expedition 40 came to a close

6
00:00:15,700 --> 00:00:13,460
this week as three crew members said

7
00:00:17,680 --> 00:00:15,710
farewell to their home in space after

8
00:00:19,720 --> 00:00:17,690
handing over the reins as station

9
00:00:21,820 --> 00:00:19,730
commander did cosmonaut max suraev on

10
00:00:24,310 --> 00:00:21,830
Tuesday NASA astronaut Steve Swanson

11
00:00:25,930 --> 00:00:24,320
alongside cosmonauts Alexander

12
00:00:27,970 --> 00:00:25,940
Schwartzel and Oleg Artemyev

13
00:00:29,350 --> 00:00:27,980

boarded their Soyuz spacecraft on

14

00:00:30,970 --> 00:00:29,360

Wednesday for their three and a half

15

00:00:33,040 --> 00:00:30,980

hour trip back to earth

16

00:00:35,829 --> 00:00:33,050

the Soyuz touched down on the steppe of

17

00:00:37,869 --> 00:00:35,839

Kazakhstan at 10:23 p.m. Eastern Time

18

00:00:40,479 --> 00:00:37,879

and the crew is quickly extracted from

19

00:00:42,309 --> 00:00:40,489

the capsule by recovery forces just

20

00:00:44,619 --> 00:00:42,319

hours later Swanson boarded a plane for

21

00:00:46,209 --> 00:00:44,629

his return to Houston and his two

22

00:00:48,069 --> 00:00:46,219

Russian crewmates returned to their

23

00:00:51,219 --> 00:00:48,079

training base in Star City Russia

24

00:00:54,520 --> 00:00:51,229

the trio spent 169 days on board the ISS

25

00:00:56,529 --> 00:00:54,530

and traveled over 72 million miles the

26

00:00:58,869 --> 00:00:56,539

departure of Swanson skorts off and

27

00:01:01,509 --> 00:00:58,879

artemiev officially kicked off ISS

28

00:01:02,110 --> 00:01:01,519

expedition 41 with new commander max

29

00:01:04,420 --> 00:01:02,120

suryya

30

00:01:06,700 --> 00:01:04,430

and flight engineers reid wiseman and

31

00:01:08,440 --> 00:01:06,710

alexander gerst remaining on board they

32

00:01:10,060 --> 00:01:08,450

will have the orbital outposts all to

33

00:01:12,130 --> 00:01:10,070

themselves for about two weeks before

34

00:01:14,499 --> 00:01:12,140

being joined by their expedition 41

35

00:01:16,599 --> 00:01:14,509

crewmates NASA astronaut butch Wilmore

36

00:01:19,359 --> 00:01:16,609

and cosmonauts yelena serova and

37

00:01:21,520 --> 00:01:19,369

alexander samokutyaev that crew will

38

00:01:23,139 --> 00:01:21,530

head to Baikonur Kazakhstan on Friday in

39

00:01:25,240 --> 00:01:23,149

preparation for their launch on

40

00:01:28,090 --> 00:01:25,250

September 25th this week's Twitter

41

00:01:30,190 --> 00:01:28,100

question comes from Mariana she asks how

42

00:01:30,940 --> 00:01:30,200

many people can fit in the Soyuz in case

43

00:01:33,819 --> 00:01:30,950

of an emergency

44

00:01:35,859 --> 00:01:33,829

well mariana a Soyuz capsule can safely

45

00:01:37,959 --> 00:01:35,869

hold three space travelers and there's

46

00:01:40,330 --> 00:01:37,969

always a seat available for each ISS

47

00:01:42,010 --> 00:01:40,340

crew member so no matter what there's

48

00:01:44,050 --> 00:01:42,020

always a way to get the crew back home

49

00:01:45,489 --> 00:01:44,060

safely make sure to keep sending your