



# Space to Ground

1

00:00:03,379 --> 00:00:06,040

WELCOME TO SPACE TO GROUND, I AM KAYLA LAFRANCE.

2

00:00:06,040 --> 00:00:10,800

ON TOP OF THE NORMAL HUSTLE AND BUSTLE OF  
SCIENCE RESEARCH AND LIFE ONBOARD THE SPACE STATION,

3

00:00:10,800 --> 00:00:13,160

THE CREW PREPARED FOR A SPECIAL HOMECOMING.

4

00:00:14,540 --> 00:00:20,720

RUSSIAN COSMONAUT ALEXANDER SKVORTSOV, ALONG WITH LUCA PARMITANO OF THE EUROPEAN

5

00:00:20,760 --> 00:00:25,019

AND NASA ASTRONAUT CHRISTINA KOCH,  
RETURNED HOME ON THURSDAY AFTER COMPLETING

6

00:00:25,019 --> 00:00:27,349

THEIR EXPEDITION 61 MISSION.

7

00:00:27,349 --> 00:00:32,640

BEFORE THEIR STAY ONBOARD ENDED, PARMITANO  
HANDED OVER COMMAND OF THE STATION TO CREWMATE

8

00:00:32,640 --> 00:00:35,660

OLEG SKRIPOCHKA OF ROSCOSMOS.

9

00:00:35,660 --> 00:00:41,340

THEN THE TWO CREWS SAID THEIR FAREWELLS, THE  
HATCH WAS CLOSED TO THE SOYUZ MS-13 SPACECRAFT

10

00:00:41,340 --> 00:00:45,580

AND THE RETURNING CREW UNDOCKED FROM THE STATION'S POISK MODULE.

11

00:00:45,580 --> 00:00:50,600

AFTER THE NEARLY 4-HOUR JOURNEY, THE CREW  
LANDED SAFELY IN KAZAKHSTAN, AND WAS GREETED

12

00:00:50,600 --> 00:00:53,700  
BY A RECOVERY TEAM WHO TRANSPORTED THEM TO  
KARAGANDA.

13  
00:00:53,700 --> 00:00:57,579  
BEFORE THEY PARTED WAYS TO HEAD OFF TO THEIR  
HOME NATIONS.

14  
00:00:57,580 --> 00:01:02,020  
PARMITANO AND SKVORTSOV, SPENT 201 DAYS IN  
SPACE, HAVING LAUNCHED

15  
00:01:02,020 --> 00:01:04,940  
WITH NASA'S ANDREW MORGAN LAST JULY.

16  
00:01:04,949 --> 00:01:09,390  
MORGAN WILL REMAIN ON THE STATION WITH THE  
REST OF HIS EXPEDITION 62 CREWMATE'S UNTIL

17  
00:01:09,390 --> 00:01:11,799  
THEIR RETURN TO EARTH IN APRIL.

18  
00:01:11,799 --> 00:01:16,819  
KOCH SET THE RECORD FOR THE LONGEST SPACEFLIGHT MISSION BY A FEMALE ASTRONAUT AFT

19  
00:01:16,819 --> 00:01:21,039  
HER 328 DAY LONG STAY ONBOARD THE SPACE STATION,

20  
00:01:21,039 --> 00:01:27,590  
SURPASSING THE PREVIOUS RECORD OF 288 DAYS  
HELD BY NASA ASTRONAUT PEGGY WHITSON.

21  
00:01:27,590 --> 00:01:32,679  
NOT ONLY DID CHRISTINA SET A NEW DURATION  
RECORD, SHE ALSO PARTICIPATED IN THE FIRST

22  
00:01:32,679 --> 00:01:38,200  
ALL WOMEN EVA WITH HER FRIEND AND CREWMATE,  
JESSICA MEIR BACK IN OCTOBER OF LAST YEAR.

23

00:01:38,200 --> 00:01:41,859

THE TWO OF THEM WOULD GO ON TO PREFORM TWO MORE EVAS TOGETHER.

24

00:01:41,859 --> 00:01:46,249

THIS WEEK, KOCH REFLECTED ON HER MULTI-RECORD BREAKING MISSION.

25

00:01:46,249 --> 00:01:51,600

"WELL FOR ME, IT'S JUST ALL ABOUT THE HONOR THAT I FEEL TO FOLLOW IN THE FOOTSTEPS OF

26

00:01:51,600 --> 00:01:55,520

MY HEROES, AND HOPEFULLY I CAN MAKE IT ABOUT PAYING HOMAGE TO THEM.

27

00:01:55,520 --> 00:01:59,159

THEY'RE THE ONES THAT PAVED THE WAY FOR US TO ALL BE WHERE WE ARE TODAY.

28

00:01:59,160 --> 00:02:04,140

AND ALSO I LOOK AT IT AS AN OPPORTUNITY TO HOPEFULLY INSPIRE THE NEXT GENERATION OF FUTURE EXPLORERS.

29

00:02:04,140 --> 00:02:08,520

I KNOW FOR ME IT WAS IMPORTANT TO SEE PEOPLE THAT I SAW A REFLECTION OF MYSELF IN GROWING

30

00:02:08,520 --> 00:02:11,580

UP WHEN I WAS ENVISIONING, YOU KNOW, WHAT I COULD DO WITH MY LIFE

31

00:02:11,580 --> 00:02:13,280

AND WHAT MY DREAMS MIGHT BE.

32

00:02:13,280 --> 00:02:17,980

SO, THE IDEA TO MAYBE BE THAT SOURCE OF INSPIRATION FOR SOMEONE ELSE IS JUST SUCH AN

33

00:02:17,980 --> 00:02:20,800

I HOPE TO CARRY THAT FORWARD EVEN WHEN I'M  
BACK ON EARTH."

34

00:02:21,260 --> 00:02:26,960

KOCH'S TIME IN SPACE ALSO WILL PROVIDE RESEARCHERS THE OPPORTUNITY TO OBSERVE EFFE

35

00:02:26,970 --> 00:02:32,450

SPACEFLIGHT ON A WOMAN, AS THE AGENCY PLANS  
TO RETURN TO THE MOON UNDER THE ARTEMIS PROGRAM

36

00:02:32,450 --> 00:02:35,920

AND PREPARE FOR HUMAN EXPLORATION AT MARS.

37

00:02:35,920 --> 00:02:40,720

DURING THIS RECORD-SETTING MISSION, KOCH SPENT  
MANY OF HER HOURS ON SCIENCE ACTIVITIES ABOARD

38

00:02:40,720 --> 00:02:46,690

THE SPACE STATION AND WORE MANY HATS: FARMER,  
BIOLOGIST, PHYSICIST, ENGINEER, TEST SUBJECT

39

00:02:46,690 --> 00:02:48,620

AND MANY MORE.