



Spaceto**Ground**

1

00:00:03,040 --> 00:00:04,760

"HOUSTON, STATION ON SPACE TO GROUND."

2

00:00:04,760 --> 00:00:07,690

WELCOME TO SPACE TO GROUND, I AM KAYLA LAFRANCE.

3

00:00:07,690 --> 00:00:13,370

THIS WEEK THE SPACE STATION CREW WENT ON TWO SPACE WALKS AS PART OF A MARATHON OF

4

00:00:13,370 --> 00:00:15,260

TASKS TO UPGRADE THE STATION.

5

00:00:16,520 --> 00:00:21,411

ON SUNDAY, NASA ASTRONAUTS CHRISTINA KOCH AND ANDREW MORGAN TEAMED UP AND VENTURED

6

00:00:21,411 --> 00:00:25,340

OF THE QUEST AIRLOCK FOR A 7 HOURS AND 1 MINUTE SPACEWALK.

7

00:00:25,340 --> 00:00:31,410

THE PAIR OF SPACEWALKERS KICKED OFF THE LATEST ROUND OF UPGRADES TO THE STATION'S

8

00:00:31,410 --> 00:00:36,460

BATTERIES, SWAPPING OUT NICKEL-HYDROGEN BATTERIES WITH NEW LITHIUM-ION ONES.

9

00:00:36,460 --> 00:00:42,090

WORKING AT THE P-6 TRUSS ON THE OUTER REACHES OF THE STATION, THE DUO OF SPACE WALKERS

10

00:00:42,090 --> 00:00:49,300

3 OF THE OLD NICKEL BATTERIES, INSTALLED 2
NEW LI-ION BATTERIES, AND INTEGRATED AN ADAPTER

11

00:00:49,300 --> 00:00:50,980

PLATE TO ONE OF THE NEW BATTERIES.

12

00:00:50,980 --> 00:00:56,170

KOCH AND MORGAN VENTURED OUTSIDE AGAIN ON FRIDAY TO CONTINUE THEIR BATTERY REPLACEMENT

13

00:00:56,170 --> 00:00:58,680
WORK AT THE P-6 TRUSS SITE.

14

00:00:58,680 --> 00:01:03,930
ON THIS EVA, MORGAN WAS IN THE EV1 ROLE AND LED THE TWO AS THEY INSTALLED MORE LITHIUM

15

00:01:03,930 --> 00:01:09,500
ION BATTERIES AND THEIR ADAPTER PLATES WHILE RELOCATING NICKEL BATTERIES FOR STORAGE

16

00:01:09,500 --> 00:01:10,790
DISPOSAL.

17

00:01:10,790 --> 00:01:15,040
THERE ARE 3 MORE SPACEWALKS PLANNED TO FINISH THE WORK BEFORE THE MONTH IS OUT TO

18

00:01:15,040 --> 00:01:16,220
THE POWER UPGRADE.

19

00:01:16,220 --> 00:01:22,760
BE SURE TO TUNE INTO NASA TV ON OCTOBER 16
AT 6:30 AM EASTERN TO WATCH NASA ASTRONAUTS

20

00:01:22,760 --> 00:01:27,979
ANDREW MORGAN AND JESSICA MEIR PARTNER UP FOR THE NEXT PLANNED EVA.

21

00:01:27,979 --> 00:01:34,090
THIS WEEK'S QUESTION COMES FROM PAULA VARGAS, WHO ASKED IF THERE WAS ANY SPECIAL R

22

00:01:34,090 --> 00:01:37,180
WITH BEING EV1 VS. EV2?

23

00:01:37,380 --> 00:01:40,250
EV1 IS USUALLY THE MORE EXPERIENCED CREWMEMBER.

24

00:01:40,250 --> 00:01:47,409
EV1 WILL OPERATE THE EV, OR EXTRAVEHICULAR HATCH WHILE EV2 WILL OPERATE THE UIA, OR T

25

00:01:47,409 --> 00:01:52,420

UMBILICAL INTERFACE ASSEMBLY, WHICH IS THE
INTERFACE BETWEEN THE AIRLOCK AND THE SPACE SUITS.

26

00:01:52,980 --> 00:01:57,840

WHEN WE HAVE MULTIPLE SPACEWALKS, LIKE RIGHT NOW, THE CREW WILL SWITCH THOSE ROLES