



Space **to** Ground

1
00:00:02,963 --> 00:00:05,275
"HOUSTON, STATION ON SPACE TO GROUND."

2
00:00:05,275 --> 00:00:08,110
WELCOME TO SPACE TO GROUND, I'M KATHRYN
CLAYTON.

3
00:00:08,110 --> 00:00:12,660
THIS WEEK, WE HAD A SPACEWALK AND SETTLED
IN FOR STORYTIME.

4
00:00:12,660 --> 00:00:15,559
NASA ASTRONAUTS MICHAEL HOPKINS AND VICTOR
GLOVER

5
00:00:15,559 --> 00:00:19,190
COMPLETED THE FIRST SPACEWALK OF 2021 ON WEDNESDAY.

6
00:00:19,190 --> 00:00:21,530
THE DUO WORKED ON INSTALLING POWER CONECTIONS

7
00:00:21,530 --> 00:00:23,640
TO THE BARTOLOMEO SCIENCE PLATFORM

8
00:00:23,640 --> 00:00:25,910
WHICH HOSTS PAYLOADS FOR SCIENTIFIC RESEARCH.

9
00:00:25,910 --> 00:00:28,070
TWO OF THREE BUNDLES OF CABLES

10
00:00:28,070 --> 00:00:29,720
FOR BARTOLOMEO WERE CONNECTED,

11
00:00:29,720 --> 00:00:31,850
BUT TIME RAN OUT BEFORE A THIRD BUNDLE

12
00:00:31,850 --> 00:00:33,050
COULD BE HOOKED UP.

13

00:00:33,050 --> 00:00:35,990

IT WILL BE ATTENDED TO ON A LATER SPACEWALK.

14

00:00:35,990 --> 00:00:37,480

THE ASTRONAUTS ALSO INSTALLED

15

00:00:37,480 --> 00:00:39,500

A KA-BAND TERMINAL TO ENABLE

16

00:00:39,500 --> 00:00:42,110

INDEPENDENT HIGH-BANDWIDTH COMMUNICATION LINKS

17

00:00:42,110 --> 00:00:43,410

TO EUROPEAN GROUND STATIONS

18

00:00:43,410 --> 00:00:45,364

FROM THE BARTOLOMEO PLATFORM.

19

00:00:45,364 --> 00:00:47,690

THIS WAS THE FIRST SPACEWALK FOR GLOVER,

20

00:00:47,690 --> 00:00:49,390

AND THE THIRD FOR HOPKINS.

21

00:00:49,390 --> 00:00:51,590

STAY TUNED, BECAUSE MIKE AND VICTOR WILL CONDUCT

22

00:00:51,590 --> 00:00:54,399

A SECOND SPACEWALK TOGETHER ON FEBRUARY 1st

23

00:00:54,399 --> 00:00:57,642

TO COMPLETE LONG-TERM BATTERY UPGRADE WORK.

24

00:00:57,950 --> 00:00:59,649

NASA AND BOEING RECENTLY ANNOUNCED

25

00:00:59,649 --> 00:01:02,969
A NEW DATE FOR THE NEXT STARLINER FLIGHT TEST.

26
00:01:02,969 --> 00:01:05,710
NASA AND BOEING ARE TARGETING MARCH 25TH

27
00:01:05,710 --> 00:01:09,048
FOR THE BOEING STARLINERS SECOND UNCREWED
FLIGHT TEST.

28
00:01:09,048 --> 00:01:12,240
THE ORBITAL FLIGHT TEST 2 OR OFT2,

29
00:01:12,240 --> 00:01:13,500
IS AN IMPORTANT STEP FORWARD

30
00:01:13,500 --> 00:01:15,738
IN NASA'S COMMERCIAL CREW PROGRAM.

31
00:01:15,738 --> 00:01:18,520
THE OFT-2 MISSION WILL LAUNCH THE STARLINER

32
00:01:18,520 --> 00:01:21,060
ON A UNITED LAUNCH ALLIANCE ATLAS V ROCKET

33
00:01:21,060 --> 00:01:24,140
FROM THE CAPE CANAVERAL SPACE FORCE STATION
IN FLORIDA.

34
00:01:24,140 --> 00:01:26,330
IT WILL THEN DOCK TO THE SPACE STATION

35
00:01:26,330 --> 00:01:28,525
AND RETURN ABOUT A WEEK LATER.

36
00:01:28,525 --> 00:01:30,750
THIS TEST FLIGHT IS A CRITICAL MILESTONE

37

00:01:30,750 --> 00:01:32,799
IN ORDER FOR BOEING'S STARLINER TO FLY

38
00:01:32,799 --> 00:01:35,600
CREWED MISSIONS TO THE INTERNATIONAL SPACE
STATION.

39
00:01:36,430 --> 00:01:40,452
"WHAT BRINGS YOU OUT HERE, MISTER KRILL
WHISPER QUIETLY.

40
00:01:40,452 --> 00:01:44,489
WE'RE LOOKING FOR A SUPER HERO, WILLOW STATED,
QUITE MIGHTILY!"

41
00:01:44,720 --> 00:01:46,950
ON TUESDAY, NASA ASTRONAUT SHANNON WALKER

42
00:01:46,950 --> 00:01:49,189
READ "WILLOW THE WATER BEAR" BY HOUSTON KIDD,

43
00:01:49,189 --> 00:01:51,340
LIVE FROM THE INTERNATIONAL SPACE STATION

44
00:01:51,340 --> 00:01:53,630
AS A PART OF STORY TIME FROM SPACE,

45
00:01:53,630 --> 00:01:56,270
A PROGRAM THAT COMBINES LITERATURE WITH SCIENCE.

46
00:01:56,270 --> 00:01:58,299
KIDS AND FAMILIES CAN ENJOY A GREAT BOOK

47
00:01:58,299 --> 00:02:00,340
READ BY AN ASTRONAUT ON THE STATION

48
00:02:00,340 --> 00:02:02,780
AS WELL AS SCIENCE DEMONSTRATIONS THAT COMPLEMENT

49
00:02:02,780 --> 00:02:04,869
THE SCIENCE CONCEPTS IN THE BOOK.

50
00:02:04,869 --> 00:02:06,040
THE PROGRAM IS SPONSORED BY

51
00:02:06,040 --> 00:02:08,420
THE CENTER FOR THE ADVANCEMENT OF SCIENCE
IN SPACE

52
00:02:08,420 --> 00:02:10,869
AND THE VIDEOS OF THE STORIES AND DEMONSTRATIONS,

53
00:02:10,869 --> 00:02:12,260
AS WELL AS THE CURRICULUM

54
00:02:12,260 --> 00:02:14,260
ARE ALL AVAILABLE FOR FREE ON

55
00:02:14,260 --> 00:02:16,000
THE STORY TIME FROM SPACE WEBSITE.

56
00:02:16,721 --> 00:02:18,750
THAT'S SPACE TO GROUND FOR THIS WEEK.