



Space**to**Ground

1

00:00:02,970 --> 00:00:04,960

"HOUSTON, STATION ON SPACE TO GROUND."

2

00:00:04,960 --> 00:00:07,900

WELCOME TO SPACE TO GROUND, I AM KAYLA LAFRANCE.

3

00:00:07,900 --> 00:00:11,310

THIS WEEK WAS A BUSY ONE ONBOARD THE ORBITING
LABORATORY

4

00:00:11,310 --> 00:00:16,850

AS THE CREW PREPARED THE STATION FOR NEW AND
CONTINUED SCIENCE.

5

00:00:16,850 --> 00:00:20,230

NASA ASTRONAUT CHRIS CASSIDY SPENT PART OF
HIS WEEK

6

00:00:20,230 --> 00:00:23,220

SETTING UP THE ADVANCED PLANT HABITAT FACILITY

7

00:00:23,220 --> 00:00:26,400

FOR THE NEXT ROUND OF GROWTH OPERATIONS.

8

00:00:26,400 --> 00:00:28,880

THAT FACILITY PROVIDES AN ENCLOSED ENVIROMENT

9

00:00:28,880 --> 00:00:32,590

TO SUPPORT PLANT AND BIOSCIENCE RESEARCH.

10

00:00:32,590 --> 00:00:34,650

LOGISTICS IS A LARGE PART OF KEEPING

11

00:00:34,650 --> 00:00:37,690

SCIENCE EXPERIMENTS RUNNING ONBOARD THE SPACE STATION.

12

00:00:37,690 --> 00:00:40,590

AN EXPERIMENT SUCH AS THE ADVANCED PLANT HABITAT

13
00:00:40,590 --> 00:00:43,730
REQUIRE USE OF CONSUMABLE STATION RESOURCES

14
00:00:43,730 --> 00:00:47,720
SUCH AS WATER AND POWER IN ORDER TO OPERATE
SUCCESSFULLY.

15
00:00:47,720 --> 00:00:50,510
THIS WEEK, THREE OF THE LARGE PAYLOAD RACKS

16
00:00:50,510 --> 00:00:53,980
KNOWN AS EXPRESS RACKS WERE MOVED TO NEW LOCATIONS

17
00:00:53,980 --> 00:00:58,620
THAT BETTER ACCOMMODATED THEIR SIZE AND RESOURCE NEEDS.

18
00:00:58,620 --> 00:01:01,560
WE JUST ASSIGNED ANOTHER NASA ASTRONAUT

19
00:01:01,570 --> 00:01:04,150
TO AN UPCOMING COMMERCIAL CREW MISSION

20
00:01:04,150 --> 00:01:07,540
WITH MORE FLIGHTS RIGHT AROUND THE CORNER.

21
00:01:07,540 --> 00:01:09,850
NASA'S JEANNETTE EPPS WAS ASSIGNED

22
00:01:09,850 --> 00:01:11,780
TO THE STARLINER-1 MISSION,

23
00:01:11,780 --> 00:01:14,170
THE FIRST OPERATIONAL FLIGHT OF

24
00:01:14,170 --> 00:01:16,390
BOEING'S CST-100 STARLINER.

25
00:01:16,390 --> 00:01:18,990
SHE'LL JOIN VETERAN NASA ASTRONAUT

26
00:01:18,990 --> 00:01:23,380
SUNI WILLIAMS AND FELLOW FIRST TIME FLIER
JOSH CASSADA

27
00:01:23,380 --> 00:01:25,300
ON A SIX-MONTH EXPEDITION,

28
00:01:25,300 --> 00:01:28,780
SCHEDULED FOR THE LATTER PART OF 2021.

29
00:01:28,780 --> 00:01:30,670
PRIOR TO THAT, BOEING IS GEARING UP

30
00:01:30,670 --> 00:01:33,909
FOR ITS UNCREWED ORBITAL FLIGHT TEST-2

31
00:01:33,909 --> 00:01:35,870
NO EARLIER THAN THIS DECEMBER

32
00:01:35,870 --> 00:01:39,090
FOLLOWED BY THE FIRST CREWED FLIGHT ON STARLINER,

33
00:01:39,090 --> 00:01:41,800
TARGETED FOR NEXT JUNE.

34
00:01:41,800 --> 00:01:47,120
QUESTION: HAVE YOU BEEN FOLLOWING ASTRONAUT
CHRIS CASSIDY ON TWITTER?

35
00:01:47,120 --> 00:01:49,060
YOU REALLY SHOULD!

36
00:01:49,060 --> 00:01:51,200
THE ISS COMMANDER HAS BEEN BUSY

37

00:01:51,200 --> 00:01:55,120

ON HIS SOCIAL MEDIA ACCOUNT @ASTRO_SEAL,

38

00:01:55,120 --> 00:01:58,740

SENDING DOWN BREATHTAKING IMAGES AND HEARTFELT MESSAGES

39

00:01:58,750 --> 00:02:01,600

OF VARIOUS EVENTS HAPPENING ON OUR PLANET

40

00:02:01,600 --> 00:02:04,010

FROM HIS VANTAGE POINT IN ORBIT.

41

00:02:04,010 --> 00:02:07,369

THE POWER OF HURRICANES LAURA AND GENEVIEVE,

42

00:02:07,369 --> 00:02:11,110

THE DEVASTATION OF FIRES IN CALIFORNIA AND
THE AMAZON,

43

00:02:11,110 --> 00:02:13,430

AND THE TRAGIC EXPLOSION IN BEIRUT ARE SOME

44

00:02:13,430 --> 00:02:16,590

OF HIS RECENT POSTINGS ON TWITTER.

45

00:02:16,590 --> 00:02:19,540

CHRIS ALSO CAPTURES EARTH'S AWE AND BEAUTY
WITH

46

00:02:19,540 --> 00:02:21,900

AMAZING VIEWS OF OUR PLANET.

47

00:02:21,900 --> 00:02:26,420

YOU CAN FOLLOW HIS JOURNEY ON BOTH TWITTER
AND INSTAGRAM.