



# Space **to** Ground

1

00:00:03,110 --> 00:00:05,120

"HOUSTON, STATION ON SPACE TO GROUND."

2

00:00:05,120 --> 00:00:10,259

WELCOME TO SPACE TO GROUND, I AM KAYLA LAFRANCE, FROM SPACEWALKS, TO VISITING VEHICLE

3

00:00:10,260 --> 00:00:13,580

IS NEVER A DULL MOMENT FOR THE CREW ONBOARD THE ORBITING LABORATORY.

4

00:00:14,360 --> 00:00:20,280

ON MONDAY NASA ASTRONAUT DREW MORGAN AND EUROPEAN SPACE AGENCY ASTRONAUT LUC

5

00:00:20,280 --> 00:00:25,480

THE THIRD OF FOUR PLANNED SPACEWALKS TO UPGRADE THE STATION'S ALPHA MAGNETIC SPEC

6

00:00:25,480 --> 00:00:27,880

EXPERIMENT, OR AMS-02.

7

00:00:27,880 --> 00:00:33,320

THE DUO INSTALLED A NEW PUMP SYSTEM WHICH REPLACES THE AGING COOLING SYSTEM THE A

8

00:00:33,320 --> 00:00:37,060

REQUIRES TO OPERATE ITS LARGE, POWERFUL MAGNETS.

9

00:00:37,060 --> 00:00:41,520

ONE MORE SPACEWALK IS LEFT TO LEAK CHECK THE NEW SYSTEM AFTER IT'S PRESSURIZED, AND

10

00:00:41,520 --> 00:00:46,070

AMS CAN TO CONTINUE ITS PARTICLE HUNT WELL  
INTO THE 2020S.

11

00:00:46,070 --> 00:00:50,620

TRAFFIC AROUND THE SPACE STATION WILL CONTINUE TO BE BUSY AS THE CREWS PREPARE FOR

12

00:00:50,620 --> 00:00:53,060

CARGO SHIPS AND THE NEXT COMMERCIAL CREW VISIT.

13

00:00:54,380 --> 00:01:00,460

ON THURSDAY, SPACEX LAUNCHED ITS 19TH COMMERCIAL RESUPPLY MISSION TO THE INTERNATI

14

00:01:00,460 --> 00:01:06,280

DRAGON IS CARRYING OVER 5700 LBS OF PAYLOADS, INCLUDING MORE THAN ONE TON OF SAMPL

15

00:01:06,280 --> 00:01:08,600

SCIENTIFIC RESEARCH INSTRUMENTS.

16

00:01:08,600 --> 00:01:15,360

HIGHLIGHTS INCLUDE A MICROGRAVITY FIRE BEHAVIOR TEST AND 40 MICE FOR AN ANALYSIS OF M

17

00:01:15,360 --> 00:01:21,300

BE SURE TO WATCH NASA-TV THIS SUNDAY DECEMBER 8TH FOR DRAGON'S ARRIVAL AND CAPTUR

18

00:01:21,310 --> 00:01:24,310

BY INSTALLATION TO THE HARMONY MODULE.

19

00:01:24,310 --> 00:01:30,840

ROSCOSMOS ALSO LAUNCHED THE PROGRESS 74 CARGO CRAFT FROM THE BAIKONUR COSMODR

20

00:01:32,180 --> 00:01:37,580

THE SPACECRAFT WILL MAKE A TWO DAY JOURNEY BEFORE ARRIVING AT THE STATION DECEMBE

21

00:01:37,580 --> 00:01:42,240

NASA TV WILL BEGIN COVERAGE OF THE 74P DOCKING TO THE RUSSIAN SEGMENT

22

00:01:42,240 --> 00:01:45,540

STARTING AT 4:45 AM EASTERN.

23

00:01:45,540 --> 00:01:51,030

PREPARATIONS CONTINUE FOR THE LAUNCH OF THE BOEING STARLINER ON ITS FIRST VOYAGE TO

24

00:01:51,030 --> 00:01:54,900

BOEING COMPLETED A SUCCESSFUL WET DRESS REHEARSAL THIS WEEK.

25

00:01:54,900 --> 00:01:59,400

THIS WET DRESS REHEARSAL WAS DESIGNED TO CHECK OUT AND TEST THE FULL INTEGRATIONS

