



# SPACE TO GROUND

1  
00:00:00,386 --> 00:00:02,996  
"HOUSTON, STATION  
ON SPACE TO GROUND."

2  
00:00:03,126 --> 00:00:05,746  
SPRING TIME MEANS LAUNCH TIME.

3  
00:00:06,046 --> 00:00:08,196  
WELCOME TO SPACE TO  
GROUND, I'M DAN HUOT.

4  
00:00:08,196 --> 00:00:10,056  
IT'S WAS A BUSY WEEK FOR SPACE,

5  
00:00:10,236 --> 00:00:18,326  
STARTING WITH ANOTHER  
COMMERCIAL CARGO LAUNCH.

6  
00:00:18,876 --> 00:00:22,566  
ORBITAL ATK'S SEVENTH CYGNUS  
CARGO CRAFT LIFTED OFF

7  
00:00:22,566 --> 00:00:25,446  
ON TUESDAY FROM CAPE  
CANAVERAL IN FLORIDA.

8  
00:00:25,636 --> 00:00:29,106  
THE ATLAS V ROCKET BOOSTED  
IT TO A NEAR PERFECT ORBIT

9  
00:00:29,406 --> 00:00:32,166  
TO BEGIN MAKING ITS WAY TO THE  
INTERNATIONAL SPACE STATION.

10  
00:00:32,966 --> 00:00:36,746  
THE VEHICLE IS PACKED WITH MORE  
THAN 7,600 POUNDS OF SUPPLIES

11  
00:00:36,746 --> 00:00:39,606

AND HARDWARE, INCLUDING  
THE STUFF FOR DOZENS

12

00:00:39,606 --> 00:00:41,096

OF DIFFERENT SCIENCE  
EXPERIMENTS.

13

00:00:41,956 --> 00:00:43,846

IT'S SET TO ARRIVE ON SATURDAY,

14

00:00:43,846 --> 00:00:48,286

APRIL 22 WHERE EXPEDITION 51  
CREW MEMBERS THOMAS PESQUET

15

00:00:48,516 --> 00:00:50,706

AND PEGGY WHITSON WILL  
BE READY TO CAPTURE IT

16

00:00:50,796 --> 00:00:52,396

WITH THE STATION'S ROBOTIC ARM.

17

00:00:52,736 --> 00:00:55,926

AND THE SECOND LAUNCH THIS  
WEEK SENT NEW CREWMEMBERS

18

00:00:55,926 --> 00:00:57,036

TO THE STATION.

19

00:00:57,746 --> 00:00:59,076

NASA'S JACK FISCHER

20

00:00:59,076 --> 00:01:02,986

AND COSMONAUT FYODOR YURCHIKHIN  
LAUNCHED ATOP A SOYUZ ROCKET

21

00:01:03,166 --> 00:01:05,366

FROM THE BAIKONUR  
COSMODROME IN KAZAKHSTAN.

22

00:01:06,016 --> 00:01:08,576

ROCKETING ACROSS AN  
EARLY AFTERNOON SKY,

23

00:01:08,866 --> 00:01:10,376

THEY MADE THE NINE MINUTE CLIMB

24

00:01:10,426 --> 00:01:14,746

TO SPACE BEFORE THEIR SOYUZ  
MS-04 SPACECRAFT DETACHED

25

00:01:14,746 --> 00:01:17,106

AND STARTED ITS SPRINT  
TOWARDS THE STATION.

26

00:01:17,526 --> 00:01:20,626

THE PAIR ARRIVED AFTER JUST  
FOUR ORBITS OF THE EARTH,

27

00:01:20,676 --> 00:01:24,376

OR ABOUT SIX HOURS, AND DOCKED  
TO THE STATION'S POISK MODULE

28

00:01:24,376 --> 00:01:25,506

ON THE RUSSIAN SEGMENT.

29

00:01:26,026 --> 00:01:28,836

AFTER COMPLETING LEAK CHECKS  
AND GETTING OUT OF THEIR SUITS,

30

00:01:29,126 --> 00:01:31,246

THE HATCHES WERE OPENED  
AND THEY JOINED THE CREW

31

00:01:31,246 --> 00:01:32,676

OF EXPEDITION 51.

32

00:01:33,286 --> 00:01:35,896

THEY EVEN GOT TO SAY HI TO  
THEIR FRIENDS AND FAMILY BACK

33

00:01:35,946 --> 00:01:38,946

DOWN ON THE GROUND, WITH JACK  
FISCHER GIVING A MASTERFUL

34

00:01:38,946 --> 00:01:43,516

DESCRIPTION OF THE RIDE: IT'S A  
BURRITO OF AWESOMENESS SMOTHERED

35

00:01:43,516 --> 00:01:46,906

IN AWSOME SAUCE BABY,  
IT'S SO BEAUTIFUL!

36

00:01:48,416 --> 00:01:51,306

THEY'RE SLATED TO STAY  
ONBOARD UNTIL SEPTEMBER,

37

00:01:51,486 --> 00:01:54,346

SO BE SURE TO FOLLOW JACK  
ON HIS FIRST SPACE MISSION

38

00:01:54,346 --> 00:01:56,656

ON TWITTER @ASTRO2FISH.

39

00:01:56,986 --> 00:02:00,676

HE'S WICKED EXCITED AND READY  
TO SHARE IT WITH ALL OF YOU.

40

00:02:00,676 --> 00:02:03,136

KEEP SENDING YOUR  
QUESTIONS USING THE HASHTAG