



**Space**to**Ground**

1  
00:00:02,696 --> 00:00:04,656  
"HOUSTON, STATION  
ON SPACE TO GROUND."

2  
00:00:05,326 --> 00:00:07,126  
WELCOME TO SPACE TO  
GROUND, I'M GARY JORDAN.

3  
00:00:07,676 --> 00:00:10,686  
WITH A CAREFUL EYE ON WEATHER  
CONDITIONS, OVER 10,000 POUNDS

4  
00:00:10,686 --> 00:00:12,686  
OF SCIENCE AND SUPPLIES  
AWAITS LAUNCH

5  
00:00:12,716 --> 00:00:14,206  
TO THE INTERNATIONAL  
SPACE STATION.

6  
00:00:15,176 --> 00:00:17,656  
THE UNPILOTED HTV-7  
CARGO VEHICLE

7  
00:00:17,656 --> 00:00:20,836  
OF THE JAPAN AEROSPACE  
EXPLORATION AGENCY, OR JAXA,

8  
00:00:21,116 --> 00:00:23,496  
IS SET TO LIFT OFF FROM THE  
TANEGASHIMA SPACE CENTER

9  
00:00:23,496 --> 00:00:26,106  
IN SOUTHERN JAPAN ON  
FRIDAY EVENING, U.S. TIME,

10  
00:00:26,446 --> 00:00:29,006  
AFTER DELAYS DUE TO TYPHOON  
MANGKHUT IN THE PACIFIC.

11  
00:00:29,666 --> 00:00:33,436  
INSIDE -- OVER FIVE TONS OF  
SUPPLIES, WATER, SPARE PARTS

12  
00:00:33,436 --> 00:00:36,906  
AND EXPERIMENTS, INCLUDING  
SIX NEW LITHIUM-ION BATTERIES

13  
00:00:36,906 --> 00:00:38,856  
THAT WILL BE SWAPPED OUT  
OVER A PAIR OF SPACEWALKS.

14  
00:00:39,466 --> 00:00:42,326  
THE CARGO VEHICLE IS SET TO  
ARRIVE ON TUESDAY, SEPTEMBER 18,

15  
00:00:42,556 --> 00:00:43,906  
EARLY MORNING U.S. TIME.

16  
00:00:43,906 --> 00:00:46,506  
BECAUSE OF THIS, THE TWO  
SPACEWALKS FOLLOWING THE CARGO

17  
00:00:46,506 --> 00:00:49,246  
VEHICLE'S ARRIVAL HAVE BEEN  
RESCHEDULED FOR THE NEAR FUTURE.

18  
00:00:49,786 --> 00:00:52,346  
CHECK OUT OUR WEBSITE FOR THE  
LATEST UPDATES AND TO TUNE

19  
00:00:52,346 --> 00:00:53,286  
IN TO OUR LIVE COVERAGE.

20  
00:00:54,316 --> 00:00:55,846  
THOUGH MUCH OF THIS  
WEEK WAS SPENT PREPARING

21  
00:00:55,846 --> 00:00:57,836

FOR THESE UPCOMING  
ACTIVITIES, THE CREW WAS ABLE

22

00:00:57,876 --> 00:00:59,896  
TO GET A GLIMPSE OF SOME  
SEVERE WEATHER ON EARTH.

23

00:01:01,026 --> 00:01:04,416  
FROM 250 MILES ABOVE THE EARTH,  
SPACE STATION CAMERAS WERE ABLE

24

00:01:04,516 --> 00:01:05,836  
TO VIEW HURRICANE FLORENCE

25

00:01:05,916 --> 00:01:08,606  
FROM DIRECTLY OVERHEAD EARLIER  
THIS WEEK WHILE THE STORM WAS

26

00:01:08,686 --> 00:01:10,566  
BUILDING OVER THE  
ATLANTIC OCEAN.

27

00:01:10,596 --> 00:01:12,636  
THE ASTRONAUTS ABOARD  
ALSO SNAPPED SOME PICTURES

28

00:01:12,666 --> 00:01:13,786  
WITH THEIR HANDHELD CAMERAS.

29

00:01:14,216 --> 00:01:16,766  
NASA ASTRONAUT DREW FUESTEL  
COMMENTED DURING AN INTERVIEW

30

00:01:16,766 --> 00:01:19,286  
THIS WEEK ABOUT HIS VIEW  
FROM THE STATION WINDOWS.

31

00:01:19,636 --> 00:01:22,486  
"WHAT WE SEE FROM UP HERE  
IT'S A LITTLE BIT SCARY

32

00:01:23,016 --> 00:01:25,466

BECAUSE THE STORMS  
ARE SO MASSIVE.

33

00:01:25,686 --> 00:01:28,296

RIGHT NOW FLORENCE IS HEADING  
FOR THE EAST COAST OF THE US

34

00:01:28,686 --> 00:01:31,366

AND ALTHOUGH IT IS  
BEAUTIFUL AND AMAZING AND ONE

35

00:01:31,366 --> 00:01:32,156

OF THE GREAT WONDERS

36

00:01:32,156 --> 00:01:34,026

OF OUR PLANET WATCHING  
THE WEATHER CHANGE,

37

00:01:34,316 --> 00:01:37,696

IT IS A LITTLE UNNERVING TO KNOW  
THAT THERE MAY BE SOME FOLKS

38

00:01:37,696 --> 00:01:40,486

IN THE PATH OF DESTRUCTION AND  
WE WISH THEM THE BEST AND HOPE

39

00:01:40,486 --> 00:01:42,866

THAT AT LEAST SOME OF  
THE IMAGERY WE DO OR SOME

40

00:01:42,866 --> 00:01:46,196

OF THE WORK THAT NASA DOES  
PROVIDES SOME FAIR WARNING

41

00:01:46,526 --> 00:01:47,886

AND ANALYSIS OF WHAT'S GOING

42

00:01:47,886 --> 00:01:50,186  
ON TO BETTER UNDERSTAND  
HOW THESE THINGS OCCUR

43

00:01:50,186 --> 00:01:51,906  
AND THE BEST WAY TO  
RESPOND TO THEM."

44

00:01:52,856 --> 00:01:55,436  
WE'RE GETTING CLOSER TO THE  
FIRST LAUNCHES OF ASTRONAUTS

45

00:01:55,436 --> 00:01:57,556  
ON SPACECRAFT FROM  
BOEING AND SPACEX,

46

00:01:58,046 --> 00:01:59,826  
WHICH MEANS THE TRAINING  
HAS HIT HIGH GEAR!

47

00:02:00,626 --> 00:02:03,156  
MIKE HOPKINS RECENTLY SHOWED  
OFF SOME SPACEWALK TRAINING

48

00:02:03,226 --> 00:02:05,876  
THAT WILL BE VITAL WHILE HE'S  
SPENDING SIX MONTHS ON STATION

49

00:02:06,016 --> 00:02:08,856  
AFTER ARRIVING ON THE SPACEX  
CREW DRAGON'S SECOND FLIGHT.

50

00:02:09,376 --> 00:02:12,066  
BE SURE TO FOLLOW HIM AND HIS  
CREWMATE VICTOR GLOVER AND HEAD

51

00:02:12,066 --> 00:02:15,336  
OVER TO NASA.GOV/COMMERCIALCREW  
FOR ALL THE LATEST.

52

00:02:16,266 --> 00:02:18,566  
KEEP SENDING IN YOUR QUESTIONS  
USING THE HASHTAG SPACE