



Space**to**Ground

1
00:00:03,040 --> 00:00:05,080
"HOUSTON, STATION ON SPACE TO GROUND."

2
00:00:05,080 --> 00:00:07,660
WELCOME TO SPACE TO GROUND, I'M SANDRA JONES.

3
00:00:07,660 --> 00:00:09,549
THIS WEEK PREPS ARE UNDERWAY

4
00:00:09,549 --> 00:00:10,760
FOR THE UPCOMING ARRIVAL

5
00:00:10,760 --> 00:00:12,090
OF A CARGO SPACECRAFT,

6
00:00:12,090 --> 00:00:14,099
AND THE SPACE-X CREW 1 ASTRONAUTS

7
00:00:14,099 --> 00:00:16,139
MOVE CLOSER TO LAUNCH.

8
00:00:16,139 --> 00:00:17,300
NASA ASTRONAUT AND

9
00:00:17,300 --> 00:00:19,130
CURRENT COMMANDER OF THE SPACE STATION,

10
00:00:19,130 --> 00:00:21,200
CHRIS CASSIDY, IS GEARING UP FOR THE ARRIVAL

11
00:00:21,200 --> 00:00:23,570
OF THE NORTHROP GRUMMAN CRS-14

12
00:00:23,570 --> 00:00:25,220
CYGNUS CARGO CRAFT,

13
00:00:25,220 --> 00:00:26,220

CURRENTLY SLATED TO LAUNCH

14

00:00:26,220 --> 00:00:27,840
ON TUESDAY, SEPTEMBER 29

15

00:00:27,840 --> 00:00:29,180
FROM WALLOPS FLIGHT FACILITY

16

00:00:29,180 --> 00:00:30,820
IN WALLOPS VIRGINIA.

17

00:00:30,820 --> 00:00:32,590
CRS-14 WILL HAVE ON BOARD

18

00:00:32,590 --> 00:00:34,180
A VARIETY OF PAYLOADS INCLUDING

19

00:00:34,180 --> 00:00:35,590
A NEW SPACE TOILET,

20

00:00:35,590 --> 00:00:37,790
AN EXPERIMENT TARGETING CANCER TREATMENT,

21

00:00:37,790 --> 00:00:39,230
AND RADISH SEEDS THAT WILL BE GROWN

22

00:00:39,230 --> 00:00:40,730
IN THE MICROGRAVITY ENVIRONMENT

23

00:00:40,730 --> 00:00:42,340
OF THE SPACE STATION AS PART OF

24

00:00:42,340 --> 00:00:45,400
AN ONGOING INVESTIGATION ON SPACE PLANT GROWTH.

25

00:00:45,840 --> 00:00:47,160
ON EARTH, THE CREW OF

26

00:00:47,170 --> 00:00:48,850

SPACE-X'S CREW-1 MISSION ARE

27

00:00:48,850 --> 00:00:50,329

CONTINUING TO PREPARE FOR THEIR

28

00:00:50,329 --> 00:00:51,540

UPCOMING LAUNCH TO THE

29

00:00:51,540 --> 00:00:53,740

INTERNATIONAL SPACE STATION.

30

00:00:53,740 --> 00:00:55,870

NASA ASTRONAUTS MICHAEL HOPKINS,

31

00:00:55,870 --> 00:00:57,900

VICTOR GLOVER, AND SHANNON WALKER,

32

00:00:57,900 --> 00:00:59,510

AS WELL AS JAXA MISSION SPECIALIST

33

00:00:59,510 --> 00:01:01,399

SOICHI NOGUCHI WILL TAKE PART IN

34

00:01:01,399 --> 00:01:03,030

A CREW NEWS CONFERENCE ON TUESDAY,

35

00:01:03,030 --> 00:01:05,140

SEPTEMBER 29TH FROM HOUSTON.

36

00:01:05,140 --> 00:01:06,350

TUNE IN TO NASA-TV

37

00:01:06,350 --> 00:01:08,100

OR THE AGENCY'S WEBSITE TO LEARN MORE

38

00:01:08,100 --> 00:01:09,990

ABOUT THE FIRST CREWED ROTATIONAL MISSION

39

00:01:09,990 --> 00:01:12,290

OF AN AMERICAN COMMERCIAL SPACECRAFT.

40

00:01:12,290 --> 00:01:14,010

THE SPACE-X CREW DRAGON IS SCHEDULED

41

00:01:14,010 --> 00:01:16,210

TO LAUNCH FROM NASA'S KENNEDY SPACE CENTER

42

00:01:16,210 --> 00:01:19,360

TO THE SPACE STATION NO EARLIER THAN OCTOBER
23RD.

43

00:01:19,980 --> 00:01:22,080

THIS WEEK'S QUESTION COMES FROM AMAL

44

00:01:22,080 --> 00:01:23,500

WHO WANTS TO KNOW WHEN THE CREW OF

45

00:01:23,500 --> 00:01:27,030

EXPEDITION 63 WILL RETURN BACK TO EARTH.

46

00:01:27,030 --> 00:01:28,840

THE CREW OF EXPEDITION 63

47

00:01:28,840 --> 00:01:31,560

WHICH INCLUDES NASA ASTRONAUT CHRIS CASSIDY,

48

00:01:31,560 --> 00:01:33,780

AND RUSSIAN COSMONAUTS ANATOLY IVANISIN,

49

00:01:33,780 --> 00:01:35,830

AND IVAN VAGNER IS SCHEDULED TO LAND

50

00:01:35,830 --> 00:01:38,049

IN KAZAKHSTAN ON OCTOBER 21,

51
00:01:38,049 --> 00:01:40,910
BRINGING THE END TO A SIX AND A HALF MONTH
MISSION.

52
00:01:40,910 --> 00:01:43,510
DURING EXPEDITION 63, CASSIDY TOOK PART

53
00:01:43,510 --> 00:01:44,970
IN FOUR EVA'S,

54
00:01:44,970 --> 00:01:46,460
BRINGING HIS TOTAL NUMBER

55
00:01:46,460 --> 00:01:47,860
OF SPACEWALKS TO 10.

56
00:01:47,860 --> 00:01:49,030
THAT NUMBER TIES CASSIDY

57
00:01:49,030 --> 00:01:51,070
WITH MICHAEL LOPEZ-ALAGRIA,

58
00:01:51,070 --> 00:01:52,659
PEGGY WHITSON AND BOB BEHNKEN

59
00:01:52,659 --> 00:01:54,190
AS THE ONLY U.S. ASTRONAUTS

60
00:01:54,190 --> 00:01:56,909
TO COMPLETE 10 SPACEWALKS.

61
00:01:56,909 --> 00:01:58,460
KEEP SENDING YOUR QUESTIONS USING