



SPACE TO GROUND

1
00:00:00,780 --> 00:00:02,540
"HOUSTON, STATION
ON SPACE TO GROUND."

2
00:00:03,036 --> 00:00:04,096
"AND LIFTOFF."

3
00:00:04,656 --> 00:00:06,706
MARK VANDE HEI, ALEXANDER
MISURKIN

4
00:00:06,706 --> 00:00:09,600
AND JOE ACABA ARE LIFTING
OFF AND NOW ON THEIR WAY

5
00:00:09,600 --> 00:00:11,440
TO THE INTERNATIONAL
SPACE STATION."

6
00:00:12,986 --> 00:00:14,896
WELCOME TO SPACE TO
GROUND, I'M GARY JORDAN.

7
00:00:15,466 --> 00:00:18,446
JUST OVER A WEEK AFTER THE
EXPEDITION 52 CREW RETURNED

8
00:00:18,446 --> 00:00:20,786
TO EARTH, 3 NEW CREWMEMBERS
ARE ALREADY

9
00:00:20,786 --> 00:00:22,716
ON BOARD THE INTERNATIONAL
SPACE STATION.

10
00:00:23,726 --> 00:00:26,996
JOE ACABA, ALEXANDER MISURKIN
AND MARK VANDE HEI LAUNCHED

11

00:00:26,996 --> 00:00:30,186
FROM BAIKONUR ON SEPTEMBER
12TH FOR THEIR SIX HOUR JOURNEY

12
00:00:30,186 --> 00:00:31,440
TO THE ORBITING COMPLEX.

13
00:00:31,960 --> 00:00:34,440
A FORMER EDUCATOR AND NO
STRANGER TO SPACEFLIGHT,

14
00:00:34,766 --> 00:00:37,686
THIS WILL BE ACABA'S 2ND
LONG-DURATION STAY ON STATION

15
00:00:37,686 --> 00:00:39,596
AND 3RD FLIGHT, FIRST LAUNCHING

16
00:00:39,596 --> 00:00:42,006
ON THE SPACE SHUTTLE
FOR STS-119.

17
00:00:42,556 --> 00:00:45,816
THIS WILL ALSO BE MISURKIN'S 2ND
LONG-DURATION STAY, FIRST FLYING

18
00:00:45,816 --> 00:00:49,396
TO THE STATION BACK IN
2013 FOR EXPEDITION 35/36.

19
00:00:50,076 --> 00:00:52,206
FOR VANDE HEI, THIS WILL
BE HIS FIRST SPACEFLIGHT

20
00:00:52,206 --> 00:00:54,726
AFTER BEING SELECTED AS
AN ASTRONAUT IN 2009.

21
00:00:55,456 --> 00:00:57,616
BUT IT'S BEEN RIGHT TO

WORK FOR THE 53 CREW,

22

00:00:57,856 --> 00:00:59,896
AND AFTER A QUICK HELLO
TO THE NEW CREWMEMBERS,

23

00:00:59,896 --> 00:01:02,986
THEY'RE NOW GETTING READY TO SAY
GOODBYE TO THE SPACEX DRAGON.

24

00:01:04,046 --> 00:01:07,236
THE 53 CREW STORED
EXPERIMENTS, EQUIPMENT AND TRASH

25

00:01:07,236 --> 00:01:10,026
IN THE CARGO VEHICLE PREPARING
FOR ITS RETURN TO EARTH

26

00:01:10,026 --> 00:01:11,726
ON SUNDAY, SEPTEMBER 17TH.

27

00:01:12,226 --> 00:01:14,676
THE VEHICLE HAS CALLED THE
SPACE STATION ITS HOME FOR JUST

28

00:01:14,676 --> 00:01:17,586
UNDER A MONTH AFTER
SUCCESSFULLY DELIVERING A SWATH

29

00:01:17,586 --> 00:01:19,766
OF EXPERIMENTS, INCLUDING
AN INSTRUMENT

30

00:01:19,766 --> 00:01:23,040
TO MEASURE COSMIC RAYS,
MICROBIOLOGY EXPERIMENTS

31

00:01:23,040 --> 00:01:25,180
TO GROW PROTEIN CRYSTALS
AND LUNG TISSUE,

32

00:01:25,556 --> 00:01:27,266
EVEN A MICROSATELLITE
TO BE DEPLOYED

33

00:01:27,266 --> 00:01:29,146
FROM THE JAPANESE
SEGMENT OF THE STATION.

34

00:01:29,960 --> 00:01:31,640
BEFORE THE 3 NEW
CREMEMBERS ARRIVED,

35

00:01:31,660 --> 00:01:32,756
STATION CREWMEMBER RANDY

36

00:01:32,756 --> 00:01:35,076
"KOMRADE" BRESNIK SPENT
TIME LOOKING OUT THE WINDOWS

37

00:01:35,076 --> 00:01:37,676
OF THE CUPOLA AND SHARING
HIS PERSPECTIVE OF THE EARTH.

38

00:01:38,536 --> 00:01:41,396
ALONG WITH PHOTOS OF VARIOUS
DESTINATIONS AROUND THE GLOBE,

39

00:01:41,680 --> 00:01:43,820
BRESNIK HONED IN ON
THE WESTERN HEMISPHERE

40

00:01:43,820 --> 00:01:46,120
TO MONITOR HURRICANES
IRMA AND JOSE.

41

00:01:46,526 --> 00:01:48,446
IMAGES OF THE U.S.
VIRGIN ISLANDS

42

00:01:48,446 --> 00:01:50,566

AND BEFORE-AND-AFTER
PHOTOS OF THE TURKS

43

00:01:50,566 --> 00:01:53,566

AND CAICOS ISLANDS
SHOWS THE DEVASTATION OF IRMA

44

00:01:53,566 --> 00:01:56,916

IN THE CARIBBEAN AND OTHERS SHOW
THE MORE HOPEFUL REDIRECTION

45

00:01:57,236 --> 00:01:58,276

OF HURRICANE JOSE.

46

00:01:58,836 --> 00:02:01,016

BRESNIK ALSO SHARED A
VIEW OF NEW YORK CITY

47

00:02:01,016 --> 00:02:02,516

TO COMMEMORATE SEPTEMBER 11TH.

48

00:02:03,296 --> 00:02:05,856

YOU CAN FOLLOW BRESNIK AND SHARE
HIS PERSPECTIVE OF THE PLANET

49

00:02:05,896 --> 00:02:09,756

BY FOLLOWING @ASTROKOMRADE ON
FACEBOOK, TWITTER AND INSTAGRAM.

50

00:02:10,956 --> 00:02:13,156

KEEP SENDING US YOUR
QUESTIONS USING THE HASHTAG