



Space**to**Ground

1
00:00:03,020 --> 00:00:04,820
"HOUSTON, STATION ON SPACE TO GROUND."

2
00:00:05,000 --> 00:00:07,460
WELCOME TO SPACE TO GROUND, I'M ISIDRO REYNA.

3
00:00:07,460 --> 00:00:10,320
THIS WEEK, SPLASHDOWN IN THE GULF OF MEXICO.

4
00:00:11,500 --> 00:00:13,180
SPACEX'S CREW DRAGON,

5
00:00:13,190 --> 00:00:15,070
CARRYING ROBERT BEHNKEN AND DOUGLAS HURLEY,

6
00:00:15,070 --> 00:00:17,090
SPLASHED DOWN UNDER PARACHUTES OFF THE COAST

7
00:00:17,090 --> 00:00:19,010
OF PENSACOLA, FLORIDA ON AUGUST 2ND,

8
00:00:19,010 --> 00:00:21,570
AND WAS SUCCESSFULLY RECOVERED BY SPACEX.

9
00:00:21,570 --> 00:00:23,070
AFTER RETURNING TO SHORE,

10
00:00:23,070 --> 00:00:24,850
THE ASTRONAUTS RETURNED TO HOUSTON

11
00:00:24,850 --> 00:00:26,390
WHERE THEY WERE WELCOMED HOME BY FAMILY,

12
00:00:26,390 --> 00:00:27,910
COLLEAGUES AND FRIENDS.

13
00:00:27,910 --> 00:00:29,280

THIS WAS THE FIRST SPLASHDOWN

14

00:00:29,280 --> 00:00:32,189

OF AN AMERICAN CREW SPACECRAFT IN 45 YEARS.

15

00:00:32,189 --> 00:00:33,550

THE RETURN ON BEHNKEN AND HURLEY

16

00:00:33,550 --> 00:00:35,250

FROM THE INTERNATIONAL SPACE STATION

17

00:00:35,250 --> 00:00:37,870

COMPLETES THE FINAL TEST FLIGHT OF CREW DRAGON,

18

00:00:37,870 --> 00:00:40,440

AND MARKS A NEW ERA IN HUMAN SPACEFLIGHT.

19

00:00:41,120 --> 00:00:42,380

BOB AND DOUG PARTICIPATED

20

00:00:42,380 --> 00:00:44,700

IN A NUMBER OF SCIENTIFIC EXPERIMENTS,

21

00:00:44,700 --> 00:00:47,060

SPACEWALKS AND PUBLIC ENGAGEMENT EVENTS

22

00:00:47,060 --> 00:00:49,910

DURING THEIR STAY ABOARD STATION.

23

00:00:49,910 --> 00:00:52,840

THE ASTRONAUT DUO SPENT 64 DAYS IN ORBIT,

24

00:00:52,840 --> 00:00:55,840

COMPLETED 1,024 ORBITS AROUND EARTH

25

00:00:55,850 --> 00:01:01,410

AND TRAVELED 27,147,284 STATUTE MILES.

26
00:01:01,410 --> 00:01:03,230
THE ASTRONAUTS CONTRIBUTED MORE THAN

27
00:01:03,230 --> 00:01:04,820
100 HOURS OF TIME TO SUPPORTING

28
00:01:04,820 --> 00:01:07,640
THE ORBITING LABORATORY'S INVESTIGATIONS.

29
00:01:07,640 --> 00:01:08,979
"I KNOW THAT ONE OF THE THINGS

30
00:01:08,979 --> 00:01:10,630
THAT WE'RE MOST PROUD OF IS

31
00:01:10,630 --> 00:01:12,670
BRINGING LAUNCH CAPABILITY BACK

32
00:01:12,670 --> 00:01:13,810
TO THE FLORIDA COAST,

33
00:01:13,810 --> 00:01:15,869
BACK TO AMERICA, AND OF COURSE,

34
00:01:15,869 --> 00:01:18,290
LANDING SAFELY AT THE END OF ALL OF THAT."

35
00:01:18,290 --> 00:01:20,140
"WE'RE ALMOST KIND OF SPEECHLESS

36
00:01:20,140 --> 00:01:23,029
AS FAR AS HOW WELL THE VEHICLE DID

37
00:01:23,029 --> 00:01:25,679
AND HOW, HOW WELL THE MISSION WENT.

38
00:01:25,679 --> 00:01:27,569

IT'S GREAT TO SEE HOW EXCITED

39

00:01:27,569 --> 00:01:30,639

EVERYBODY WAS FOR OUR MISSION

40

00:01:30,639 --> 00:01:32,369

AND FOLLOWED ALONG,

41

00:01:32,369 --> 00:01:33,869

AND WE HOPE IT BRINGS A LITTLE BIT

42

00:01:33,869 --> 00:01:35,800

OF BRIGHTNESS TO A PRETTY TOUGH 2020."

43

00:01:36,810 --> 00:01:38,560

THIS WEEK'S QUESTION COMES FROM PRATIK.

44

00:01:38,560 --> 00:01:40,429

HE WANTS TO KNOW WHAT BOB AND DOUG'S ROLE

45

00:01:40,429 --> 00:01:42,120

WILL BE IN TRAINING CREW-1 AND CREW-2.

46

00:01:43,060 --> 00:01:44,560

NASA AND SPACEX ARE PREPARING FOR

47

00:01:44,560 --> 00:01:46,250

THE COMPANY'S FIRST OPERATIONAL FLIGHT

48

00:01:46,250 --> 00:01:47,679

OF THE CREW DRAGON SPACECRAFT

49

00:01:47,680 --> 00:01:50,040

AND FALCON 9 ROCKET AFTER CERTIFICATION,

50

00:01:50,040 --> 00:01:52,200

CARRYING NASA ASTRONAUTS VICTOR GLOVER,

51
00:01:52,200 --> 00:01:54,119
MICHAEL HOPKINS, SHANNON WALKER

52
00:01:54,119 --> 00:01:56,819
AND JAPAN AEROSPACE EXPLORATION AGENCY ASTRONAUT

53
00:01:56,819 --> 00:01:59,210
SOICHI NOGUCHI TO THE INTERNATIONAL SPACE
STATION

54
00:01:59,210 --> 00:02:00,969
FOR A FULL DURATION MISSION.

55
00:02:00,969 --> 00:02:02,670
THE MISSION WILL BE THE SECOND TIME

56
00:02:02,670 --> 00:02:04,999
SPACEX'S CREW DRAGON WILL FERRY ASTRONAUTS

57
00:02:04,999 --> 00:02:06,259
TO THE SPACE STATION,

58
00:02:06,259 --> 00:02:08,479
BUT THE FIRST IN A SERIES OF REGULAR,

59
00:02:08,480 --> 00:02:10,040
ROTATIONAL MISSIONS.

60
00:02:10,660 --> 00:02:11,940
KEEP SENDING IN YOUR QUESTIONS

61
00:02:11,950 --> 00:02:13,840
USING THE HASHTAG "ASK NASA."

62
00:02:13,840 --> 00:02:15,180
WE'LL SEE YOU NEXT WEEK.

63

00:02:20,620 --> 00:02:21,600
"WE'RE COUNTING DOWN TO

64

00:02:21,600 --> 00:02:23,890
20 CONTINUOUS YEARS OF HUMANS