



Spaceto**Ground**

1

00:00:03,129 --> 00:00:05,580

WELCOME TO SPACE TO GROUND, I'M ISIDRO REYNA.

2

00:00:05,580 --> 00:00:07,820

THIS WEEK, LAUNCH UPDATES TO THE STATION AND MORE.

3

00:00:09,180 --> 00:00:12,780

A JAPANESE CARGO SPACECRAFT SCHEDULED FOR LAUNCH TO THE INTERNATIONAL SPACE STATION

4

00:00:12,780 --> 00:00:14,230

HAS BEEN POSTPONED.

5

00:00:14,230 --> 00:00:18,980

THE INITIAL LAUNCH OF THE JAXA H-II TRANSFER
VEHICLE WAS SCRUBBED ON SEPT.10th

6

00:00:19,000 --> 00:00:22,240

DUE TO A FIRE ON OR NEAR THE JAXA LAUNCH
PAD.

7

00:00:22,240 --> 00:00:25,159

SEE THE LATEST UPDATES ON THE LAUNCH STATUS AT NASA.GOV.

8

00:00:25,880 --> 00:00:29,880

THE NEXT CREW TO LAUNCH TO THE STATION IS
AT THE BAIKONUR COSMODROME IN KAZAKHSTAN FOR

9

00:00:29,880 --> 00:00:31,669

FINAL MISSION TRAINING.

10

00:00:31,669 --> 00:00:36,650

EXPEDITION 61 CREWMEMBERS JESSICA MEIR OF
NASA AND OLEG SKRIPOCHKA OF ROSCOSMOS

11

00:00:36,650 --> 00:00:38,360

WILL BLAST OFF ON SEPT. 25th

12

00:00:38,380 --> 00:00:43,980

ABOARD THE SOYUZ MS-15 SPACECRAFT WITH
SPACEFLIGHT PARTICIPANT HAZZAA ALI ALMANSOORI.

13

00:00:44,620 --> 00:00:48,160

THE TRIO FROM THE U.S., RUSSIA AND THE UNITED ARAB EMIRATES.

14

00:00:48,170 --> 00:00:52,860

WILL TAKE A FOUR-ORBIT, NEAR SIX-HOUR RIDE
IN SPACE BEFORE DOCKING TO THE STATION.

15

00:00:52,860 --> 00:00:57,940

ALMANSOORI WILL RETURN TO EARTH ON OCT. 3
ABOARD THE SOYUZ MS-12 SPACECRAFT WITH NASA

16

00:00:57,940 --> 00:01:01,850

ASTRONAUT NICK HAGUE AND SOYUZ COMMANDER ALEXEY
OVCHININ OF ROSCOSMOS.

17

00:01:01,850 --> 00:01:05,480

MEIR AND SKRIPCHKA WILL ORBIT EARTH UNTIL
THE SPRING OF 2020.

18

00:01:06,240 --> 00:01:10,710

AS NASA PREPARES TO SEND THE FIRST WOMAN AND NEXT MAN TO THE MOON, BRAD PITT IS PLA

19

00:01:10,710 --> 00:01:12,540

AN ASTRONAUT IN HIS LATEST FILM.

20

00:01:14,100 --> 00:01:17,780

THE ACTOR CALLED UP TO THE STATION TO DISCUSS WHAT IT'S TRULY LIKE TO LIVE AND WORK IN

21

00:01:17,789 --> 00:01:22,950

SPACE WITH NASA ASTRONAUT NICK HAGUE WHO IS CURRENTLY WORKING ABOARD THE ORBITIN

22

00:01:22,950 --> 00:01:29,579

"I'VE READ ASTRONAUTS, SPEAK ABOUT LOOKING
BACK ON THE EARTH, AND REALLY BEING AWARE

23

00:01:29,579 --> 00:01:32,829

HOW INSIGNIFICANT WE ARE IN THE GRAND SCHEME OF THINGS.

24

00:01:32,829 --> 00:01:35,969

DID YOU HAVE A SIMILAR EXPERIENCE OR SOMETHING DIFFERENT?"

25

00:01:35,969 --> 00:01:40,439

"YOU KNOW, THAT'S ONE OF THE SPECIAL THINGS ABOUT BEING UP HERE IS BEING ABLE TO FLOA

26

00:01:40,439 --> 00:01:42,999

OVER TO THE WINDOW AND SEE THE EARTH BELOW.

27

00:01:42,999 --> 00:01:48,670

AND YOU CAN SEE, YOU CAN SEE HUMANITY BELOW YOU AND YOU CAN SEE IT GLIDE BY AS WE GO

28

00:01:48,670 --> 00:01:53,380

THROUGH THE SKY, AND THAT PERSPECTIVE REALLY CHALLENGES YOU, BECAUSE NOW YOU'RE L

29

00:01:53,380 --> 00:01:56,630

DOWN AT EVERYTHING THAT YOU'RE EVER KNOWN.

30

00:01:56,630 --> 00:02:03,359

ALL OF HUMANITY, RIGHT THERE, AND YOU HAVE
THIS DEEP APPRECIATION FOR HOW BIG THE UNIVERSE

31

00:02:03,359 --> 00:02:04,959

REALLY IS."

32

00:02:04,960 --> 00:02:11,220

BOEING, NASA AND THE U.S. ARMY CONDUCTED EXERCISES FOR THE UPCOMING CST-100 STARLIN

33

00:02:12,470 --> 00:02:16,520

THIS SERIES OF MISSION DRESS REHEARSALS AT
THE WHITE SANDS MISSILE RANGE IN NEW MEXICO

34

00:02:16,530 --> 00:02:20,610

FOCUSED ON THE LANDING AND RECOVERY ASPECT OF BOEING'S STARLINER'S MISSION.

35

00:02:20,610 --> 00:02:25,030

THIS WAS ONE OF THREE FORMAL DRESS REHEARSALS THAT TOOK PLACE OVER THE LAST COUP

36

00:02:25,030 --> 00:02:27,640

AS PART OF NASA'S COMMERCIAL CREW PROGRAM.

37

00:02:27,640 --> 00:02:31,660

UNLIKE ANY OTHER AMERICAN-MADE ORBITAL CREW CAPSULE, BOEING'S STARLINER IS DESIGNED

38

00:02:31,660 --> 00:02:36,060

TO LAND ON LAND, AND IS EXPECTED TO TOUCH
DOWN AT ONE OF FIVE POTENTIAL LANDING ZONES

39

00:02:36,060 --> 00:02:40,310

IN THE WESTERN UNITED STATES, INCLUDING TWO AT WHITE SANDS.

40

00:02:40,310 --> 00:02:44,370

ASTRONAUTS MIKE FINCKE AND NICOLE MANN OF
NASA AND CHRIS FERGUSON OF BOEING OBSERVED

41

00:02:44,370 --> 00:02:49,250

A FEW OF THE EXERCISES TO BETTER UNDERSTAND WHAT WILL BE HAPPENING OUTSIDE STARLINER

42

00:02:49,250 --> 00:02:53,380

GROUND TEAMS CAN OPEN THE HATCH AND OFFICIALLY WELCOME THEM BACK TO EARTH.