



1
00:00:01,496 --> 00:00:02,926
This is Mission Control Houston.

2
00:00:03,336 --> 00:00:08,356
Expedition 28 on the International Space
Station devoted most of the day on Thursday

3
00:00:08,766 --> 00:00:14,766
to supplies issues as well as science work
while the ground teams assess the impact

4
00:00:14,766 --> 00:00:17,156
from Wednesday's loss of a Progress ship.

5
00:00:17,606 --> 00:00:24,186
Progress number 44 suffered a failure 5 minutes
and 20 seconds into its flight yesterday.

6
00:00:24,186 --> 00:00:29,056
The third stage booster failed and left the
vehicle without enough energy to reach orbit.

7
00:00:29,396 --> 00:00:32,126
It impacted the ground in southern Siberia.

8
00:00:32,646 --> 00:00:36,546
There are enough supplies onboard
for the crew to last into March.

9
00:00:37,026 --> 00:00:40,776
In the mean time, a Russian commission
is studying yesterday's event

10
00:00:40,776 --> 00:00:44,206
to determine what occurred, and teams in Houston

11
00:00:44,206 --> 00:00:49,616
and at the other control centers are assessing
possible impacts to station supply schedules

12

00:00:49,846 --> 00:00:51,986

as well as crew rotation schedules.

13

00:00:52,846 --> 00:00:57,316

Today, Commander Andrey Borisenko and his Russian crew mates Alexander Samokutyaev

14

00:00:57,316 --> 00:01:03,096

and Sergei Volkov conducted a Russian PAO event in the morning and spent most

15

00:01:03,096 --> 00:01:07,846

of their afternoon working on a Russian video production about life on orbit.

16

00:01:08,226 --> 00:01:13,856

Borisenko also spent time today unpacking the Progress ship that is still docked

17

00:01:13,856 --> 00:01:15,566

to the International Space Station.

18

00:01:16,296 --> 00:01:20,706

Flight Engineer Mike Fossum ended up spending most of his day doing maintenance work

19

00:01:20,956 --> 00:01:27,236

on the Carbon Dioxide Removal Assembly, which is located in the floor of the Destiny laboratory.

20

00:01:27,696 --> 00:01:30,496

The CDRA does just what its name implies.

21

00:01:30,776 --> 00:01:34,216

He was working to bypass a faulty sensor.

22

00:01:34,736 --> 00:01:40,046

Later in the day, Fossum also joined Flight

Engineers Satoshi Furukawa and Ron Garan

23

00:01:40,176 --> 00:01:44,086

for interviews with KGO Television and Space.com.

24

00:01:44,856 --> 00:01:51,606

Early in his day, Ron Garan worked on the VO2 Max experiment, in which he exercises

25

00:01:51,606 --> 00:01:56,316

on the CEVIS treadmill while instrumented to measure his physical responses.

26

00:01:56,696 --> 00:02:02,856

The experiment is gathering data on the efficiency of oxygen intake by people

27

00:02:02,856 --> 00:02:04,786

who are on a long-duration space flight.

28

00:02:05,726 --> 00:02:10,626

Garan also spent part of his day doing maintenance on the Waste Hygiene Compartment.

29

00:02:11,336 --> 00:02:17,026

Satoshi Furukawa also doing some maintenance work today on the Water Quality Monitoring Kit.

30

00:02:17,396 --> 00:02:23,326

He also joined Garan for some work packing items inside the Pressurized Mating Adapter number 2.

31

00:02:24,026 --> 00:02:29,866

The Expedition 28 crew is ready to pick up its work later this week and into next week

32

00:02:30,236 --> 00:02:35,506

as it is directed by its Mission Control Centers on the ground once the impacts

