

EXPEDITION 32



**AKIHIKO HOSHIDE**

Flight Engineer

1  
00:00:01,416 --> 00:00:01,926  
Good morning.

2  
00:00:01,926 --> 00:00:03,436  
This is mission control Houston.

3  
00:00:03,616 --> 00:00:06,006  
Welcome and thank you for  
joining us for today's edition

4  
00:00:06,006 --> 00:00:08,766  
of ISS Update this  
Thursday, July 19.

5  
00:00:09,216 --> 00:00:12,206  
The six crew members aboard  
the station include Russian

6  
00:00:12,206 --> 00:00:15,656  
cosmonaut and commander of  
the complex Gennady Padalka

7  
00:00:16,046 --> 00:00:18,886  
and flight engineers  
cosmonaut Sergei Revin,

8  
00:00:19,306 --> 00:00:23,716  
NASA astronaut Joe Acaba, and  
now cosmonaut Yuri Malenchenko,

9  
00:00:24,136 --> 00:00:27,806  
NASA astronaut Suni Williams and  
Japanese astronaut Aki Hoshide.

10  
00:00:28,856 --> 00:00:30,086  
After morning inspection

11  
00:00:30,086 --> 00:00:33,956  
and breakfast the Expedition 32

crew participated in the first

12

00:00:34,316 --> 00:00:37,496

of two daily planning  
conferences that was held

13

00:00:37,496 --> 00:00:39,476

with ground controllers  
at mission control centers

14

00:00:39,476 --> 00:00:41,356

around the world to  
review today's activities.

15

00:00:41,976 --> 00:00:45,526

Commander Padalka with flight  
engineer Sergei Revin spent some

16

00:00:45,526 --> 00:00:48,236

time this morning working with  
the Russian Typology experiment

17

00:00:48,236 --> 00:00:51,856

that studies the crew members'  
psychophysical state during

18

00:00:51,856 --> 00:00:53,056

long-duration spaceflight.

19

00:00:53,756 --> 00:00:56,116

Padalka then turned his  
attention for most of today

20

00:00:56,286 --> 00:01:00,386

with Malenchenko's  
assistance preparing the docked

21

00:01:00,386 --> 00:01:01,566

Progress 47.

22

00:01:01,566 --> 00:01:05,446

This is the Russian cargo ship  
for its undocking this weekend.

23

00:01:05,746 --> 00:01:07,836

Progress 47 is set to undock

24

00:01:07,996 --> 00:01:10,566

from the Pirs docking  
compartment on Sunday

25

00:01:10,566 --> 00:01:12,716

at 3:27 p.m. Central time.

26

00:01:13,186 --> 00:01:15,206

The cargo ship will back  
away from the station

27

00:01:15,206 --> 00:01:16,996

and redock on Monday night.

28

00:01:17,496 --> 00:01:20,046

The vehicle's undock  
and redock exercise is

29

00:01:20,116 --> 00:01:22,526

to test a new Russian  
docking system.

30

00:01:22,926 --> 00:01:26,716

We'll bring you live coverage  
of the initial undocking Sunday

31

00:01:26,716 --> 00:01:29,516

at 3 p.m. Central  
time here on NASA TV.

32

00:01:30,676 --> 00:01:34,416

Meanwhile flight engineer Joe

Acaba stowed the formaldehyde

33

00:01:34,416 --> 00:01:38,516  
monitoring kits and then worked  
with Aki Hoshide to remove

34

00:01:38,516 --> 00:01:41,316  
and replace a pretreat  
tank and hose of the Waist

35

00:01:41,316 --> 00:01:42,266  
and Hygiene Compartment.

36

00:01:43,226 --> 00:01:47,416  
Acaba and Hoshide then  
began focus on another day

37

00:01:47,416 --> 00:01:51,326  
of robotics onboard training  
of vehicle rendezvous approach

38

00:01:51,326 --> 00:01:54,896  
in advance of the arrival of  
the third Japanese cargo ship.

39

00:01:55,276 --> 00:01:58,746  
This is the H-II Transfer  
Vehicle, or Kounotori3.

40

00:01:59,336 --> 00:02:00,846  
The cargo ship is  
scheduled to launch

41

00:02:00,846 --> 00:02:03,616  
from Tanegashima Space Center  
in Japan on Friday night

42

00:02:03,976 --> 00:02:06,406  
at 9:06 p.m. Central time.

43

00:02:07,446 --> 00:02:11,066

Live coverage of the cargo  
ship will begin here on NASA TV

44

00:02:11,066 --> 00:02:15,966

at 8:15 p.m. Central time,  
9:15 p.m. Eastern time.

45

00:02:17,446 --> 00:02:20,066

Meanwhile Flight Engineers  
Joe Acaba, Suni Williams

46

00:02:20,066 --> 00:02:24,476

and Aki Hoshide participated  
in HTV-3 timeline conference

47

00:02:24,476 --> 00:02:27,196

to review the upcoming  
cargo ship's arrival.

48

00:02:27,626 --> 00:02:29,726

They then participated  
in onboard training

49

00:02:29,726 --> 00:02:31,306

of the vehicle's  
rendezvous and approach.

50

00:02:31,746 --> 00:02:35,816

Hoshide participated  
in an educational event

51

00:02:35,856 --> 00:02:37,676

for the Tanegashima  
Educational Board

52

00:02:37,766 --> 00:02:41,576

and Minami-nihon Broadcasting  
Company and answered questions

53

00:02:41,576 --> 00:02:44,226  
from 11 students in Japan.

54

00:02:44,396 --> 00:02:47,436  
Flight Engineer Suni Williams  
began her morning getting her

55

00:02:47,436 --> 00:02:48,386  
hands on science.

56

00:02:48,676 --> 00:02:51,686  
She activated the Microgravity  
Science Glovebox to be used

57

00:02:51,686 --> 00:02:54,536  
in her first operation with  
research known as BASS,

58

00:02:54,756 --> 00:02:56,596  
or Burning and Suppression  
of Solids,

59

00:02:56,886 --> 00:02:59,166  
that studies the characteristics  
of a wide variety

60

00:02:59,166 --> 00:03:00,946  
of fuel samples in microgravity.

61

00:03:01,366 --> 00:03:05,306  
These research results may aid  
in the design of fire detection

62

00:03:05,366 --> 00:03:08,146  
and suppression systems in  
microgravity and on Earth.

63

00:03:09,206 --> 00:03:12,036  
Williams also spent some time

on her first Journal entry,

64

00:03:12,036 --> 00:03:14,366

as part of the Journal  
study, and participated

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00:03:14,366 --> 00:03:15,866

in a private medical conference.

66

00:03:16,586 --> 00:03:20,166

The Expedition 32 crew members  
are currently reviewing the

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00:03:20,266 --> 00:03:24,166

depress, fire and ammonia  
release emergency crew roles

68

00:03:24,266 --> 00:03:25,306

and responsibility.

69

00:03:26,636 --> 00:03:30,306

They will follow up their busy  
second as a full six-member crew

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00:03:30,336 --> 00:03:32,576

with some evening prep work  
before their evening meal

71

00:03:32,996 --> 00:03:34,016

and presleep period.

72

00:03:34,296 --> 00:03:35,676

They will also participate

73

00:03:35,676 --> 00:03:38,286

in their final daily planning  
conference before bedtime.

74

00:03:38,786 --> 00:03:40,876

The crew is then  
scheduled to go to bed