



1
00:00:00,506 --> 00:00:03,756
[Music]

2
00:00:04,256 --> 00:00:05,486
>> Good morning and
thank you for joining us

3
00:00:05,516 --> 00:00:07,596
from the International Space
Station Flight Control Room

4
00:00:07,596 --> 00:00:12,186
at the Johnson Space
Center in Houston, Texas.

5
00:00:12,186 --> 00:00:14,506
Up in space, there's a new
space craft in orbit today,

6
00:00:14,506 --> 00:00:17,676
following its launch yesterday
from the Arianespace Launch site

7
00:00:17,676 --> 00:00:21,296
in Kourou, French Guiana,
at 4:52 pm central time.

8
00:00:21,726 --> 00:00:24,696
The European Space Agency's
Albert Einstein Automated

9
00:00:24,696 --> 00:00:27,006
Transfer Vehicle Cargo
ship is traveling along

10
00:00:27,396 --> 00:00:28,406
and it passes State today,

11
00:00:28,406 --> 00:00:30,256

making its way to
the Space Station.

12

00:00:30,516 --> 00:00:33,026

The first of its engine
firings to fine tune its path

13

00:00:33,026 --> 00:00:34,886

to the Space Station is
scheduled for Monday.

14

00:00:35,336 --> 00:00:37,726

The long journey to reach the
Space Station will conclude

15

00:00:37,726 --> 00:00:39,356

with a scheduled
docking to the aft port

16

00:00:39,356 --> 00:00:41,736

of the Zvezda Service
Module on Saturday,

17

00:00:41,736 --> 00:00:44,576

June 15th at 8:46
a.m. central time.

18

00:00:44,576 --> 00:00:48,216

On the Space Station, the
Expedition 36 crew is hard

19

00:00:48,216 --> 00:00:49,776

at work in their
orbital laboratory.

20

00:00:50,396 --> 00:00:52,866

Onboard the crew of Nasa
Astronauts, Karen Nyberg

21

00:00:52,866 --> 00:00:55,966

and Chris Cassidy as well as
European Space Agency Astronaut,

22

00:00:55,966 --> 00:00:59,456

Luca Parmitano and Russian
Cosmonauts, Alexander Misurkin,

23

00:00:59,456 --> 00:01:01,856

Fyodor Yurchikhin,
and Pavel Vinogradov,

24

00:01:02,096 --> 00:01:04,976

serving as Commander, are in
the afternoon of their crew day.

25

00:01:05,646 --> 00:01:07,566

In progress now is
continued work

26

00:01:07,566 --> 00:01:10,006

with the ocular health study
which will collect data

27

00:01:10,006 --> 00:01:11,226

about the health and condition

28

00:01:11,226 --> 00:01:13,036

of various crew members'
eyes and vision.

29

00:01:13,656 --> 00:01:16,336

That is the start of a new study
which hopes to help identify

30

00:01:16,336 --> 00:01:18,566

and determine counter
measures for vision issues

31

00:01:18,566 --> 00:01:20,896

that have been identified with

long duration space flight.

32

00:01:21,736 --> 00:01:23,276

Both astronauts Karen Nyberg

33

00:01:23,276 --> 00:01:25,876

and Luca Parmitano are the
test subjects for that study

34

00:01:25,876 --> 00:01:28,496

which started this week and
have several hours dedicated

35

00:01:28,496 --> 00:01:31,346

to the various science runs
associated with that experiment.

36

00:01:31,756 --> 00:01:34,446

They will be assisted by Chris
Cassidy for some of that work,

37

00:01:35,136 --> 00:01:38,616

including ultrasound
scans of the eye as well

38

00:01:38,686 --> 00:01:40,686

as cardiac data collections

39

00:01:40,686 --> 00:01:41,926

which are both planned
for today.

40

00:01:42,996 --> 00:01:46,966

The afternoon also
includes work with the ProK,

41

00:01:47,556 --> 00:01:50,626

ongoing nutrition experiment,
which Luka Parmitano

42

00:01:50,626 --> 00:01:52,176
and Nyberg are both
participating in.

43

00:01:52,176 --> 00:01:55,816
That involves a strict diet
regimen as well as urine

44

00:01:55,816 --> 00:01:57,056
and blood sample collections

45

00:01:57,406 --> 00:01:59,626
to help understand the
nutritional requirements

46

00:01:59,626 --> 00:02:00,926
for long duration space flight.

47

00:02:01,416 --> 00:02:02,596
Nyberg's also working

48

00:02:02,596 --> 00:02:06,016
on the total organic
carbon analyzer water sample

49

00:02:06,016 --> 00:02:06,846
analysis today.

50

00:02:07,706 --> 00:02:10,936
Meanwhile, her fellow
astronaut, Chris Cassidy again,

51

00:02:10,936 --> 00:02:15,046
assisting her and Luca with
the ultrasound eye scans.

52

00:02:15,536 --> 00:02:17,656
He'll also be working
on the deployment

53

00:02:17,656 --> 00:02:20,966
of radiation monitor devices
throughout the space station.

54

00:02:21,606 --> 00:02:25,106
Fellow European Space Agency
Astronaut, Luca Parmitano again,

55

00:02:25,326 --> 00:02:28,006
participating in that ProK
experiment, as well as Karen

56

00:02:28,006 --> 00:02:31,196
and will be collecting
data samples for that.

57

00:02:31,466 --> 00:02:33,136
And has a familiarization time

58

00:02:33,136 --> 00:02:34,496
on his schedule for
the afternoon.

59

00:02:35,296 --> 00:02:37,846
Their Russian Cosmonaut
counterparts will be working

60

00:02:37,846 --> 00:02:38,686
in the Russian segment.

61

00:02:39,076 --> 00:02:41,306
They also have a
mix of maintenance

62

00:02:41,306 --> 00:02:43,506
and science activities,
including some research

63

00:02:43,506 --> 00:02:45,456
with the Russian
Crystal experiment.

64
00:02:46,086 --> 00:02:48,026
They'll also be performing
the charging

65
00:02:48,026 --> 00:02:49,576
of the iridium phones onboard,

66
00:02:50,186 --> 00:02:55,246
stowage for the progress
cargo craft as well as again,

67
00:02:55,246 --> 00:02:58,836
more radiation measurement
devices being collected

68
00:02:58,836 --> 00:03:01,786
and deployed throughout the
Russian segment and maintenance

69
00:03:01,786 --> 00:03:03,046
on the electric food warmer.

70
00:03:04,286 --> 00:03:07,506
Russian Cosmonauts also had
an audit of the lighting

71
00:03:07,506 --> 00:03:09,296
and power supplies in
the Russian segment,

72
00:03:09,706 --> 00:03:12,136
as well as an inventory
management system review

73
00:03:12,536 --> 00:03:15,906
and also a number of

hours set aside for review

74

00:03:15,906 --> 00:03:19,276

of the space walk timeline
for the Russian Space Walk