



1  
00:00:05,030 --> 00:00:03,429  
good morning this is mission control

2  
00:00:07,110 --> 00:00:05,040  
houston welcome and thank you for

3  
00:00:11,110 --> 00:00:07,120  
joining us for today's edition of iss

4  
00:00:12,870 --> 00:00:11,120  
update this monday september 17th

5  
00:00:14,310 --> 00:00:12,880  
you're now getting a live view inside

6  
00:00:15,829 --> 00:00:14,320  
the international space station flight

7  
00:00:16,470 --> 00:00:15,839  
control room where the team here has

8  
00:00:17,830 --> 00:00:16,480  
been

9  
00:00:18,790 --> 00:00:17,840  
monitoring the systems aboard the

10  
00:00:20,550 --> 00:00:18,800  
station

11  
00:00:24,790 --> 00:00:20,560  
and supporting the day's activities of

12  
00:00:26,630 --> 00:00:24,800  
the now expedition 33 crew members

13  
00:00:28,150 --> 00:00:26,640

leading the orbit 2 team here in the

14

00:00:30,710 --> 00:00:28,160

station flight control room today as

15

00:00:32,389 --> 00:00:30,720

flight director ed van cise and next to

16

00:00:34,389 --> 00:00:32,399

him serving as capcom is lucia

17

00:00:37,670 --> 00:00:34,399

mccullough relaying all ground messages

18

00:00:41,590 --> 00:00:39,910

three crew members of expedition 32

19

00:00:43,430 --> 00:00:41,600

undocked from the international space

20

00:00:44,389 --> 00:00:43,440

station and returned safely to earth

21

00:00:46,069 --> 00:00:44,399

last night

22

00:00:47,910 --> 00:00:46,079

wrapping up the mission of a little more

23

00:00:49,190 --> 00:00:47,920

than four months aboard the orbiting

24

00:00:50,950 --> 00:00:49,200

complex

25

00:00:52,630 --> 00:00:50,960

flight engineer joe acaba commander

26  
00:00:55,069 --> 00:00:52,640  
gennady padalka and flight engineer

27  
00:00:57,670 --> 00:00:55,079  
sergey revin undocked their soyuz

28  
00:01:00,069 --> 00:00:57,680  
tma-04m spacecraft

29  
00:01:02,389 --> 00:01:00,079  
from the space station and landed north

30  
00:01:06,149 --> 00:01:02,399  
of arcolak in kazakhstan about four

31  
00:01:09,190 --> 00:01:06,159  
hours later at 9 53 pm central time it

32  
00:01:09,910 --> 00:01:09,200  
was 8 53 am

33  
00:01:11,429 --> 00:01:09,920  
in

34  
00:01:14,149 --> 00:01:11,439  
kazakhstan

35  
00:01:17,870 --> 00:01:14,159  
the trio had arrived at the station back

36  
00:01:20,469 --> 00:01:17,880  
in may they spent 125 days in space

37  
00:01:22,230 --> 00:01:20,479  
123 of which were aboard the orbiting

38  
00:01:24,710 --> 00:01:22,240

laboratory

39

00:01:26,390 --> 00:01:24,720

acaba is now on his way back to houston

40

00:01:29,510 --> 00:01:26,400

and padalka and revan have returned to

41

00:01:33,350 --> 00:01:31,109

meanwhile now on command of the space

42

00:01:35,109 --> 00:01:33,360

station nasa astronaut suni williams and

43

00:01:37,990 --> 00:01:35,119

her crewmates flight engineer yuri

44

00:01:40,469 --> 00:01:38,000

malenchenko and aki hoshide kicked off

45

00:01:42,310 --> 00:01:40,479

their first day of expedition 33

46

00:01:44,710 --> 00:01:42,320

and work aboard the station as a

47

00:01:46,630 --> 00:01:44,720

three-member crew until the arrival of

48

00:01:48,389 --> 00:01:46,640

three new crew members in mid to late

49

00:01:50,950 --> 00:01:48,399

october

50

00:01:52,870 --> 00:01:50,960

malenchenko williams and hoshide arrived

51  
00:01:54,789 --> 00:01:52,880  
at the international space station after

52  
00:01:58,550 --> 00:01:54,799  
docking their soyuz spacecraft to the

53  
00:02:06,709 --> 00:01:58,560  
rassvet module on july 16.

54  
00:02:11,990 --> 00:02:08,869  
the space station with this crew aboard

55  
00:02:13,309 --> 00:02:12,000  
is flying at an altitude

56  
00:02:16,869 --> 00:02:13,319  
of about

57  
00:02:19,430 --> 00:02:16,879  
255 statute miles the orbiting facility

58  
00:02:21,510 --> 00:02:19,440  
is now on an east southeastern track

59  
00:02:23,430 --> 00:02:21,520  
just coming across

60  
00:02:32,390 --> 00:02:23,440  
southern parts of canada just north of

61  
00:02:37,110 --> 00:02:34,630  
the expedition 33 crew had adjusted

62  
00:02:39,190 --> 00:02:37,120  
their sleep period to support the soyuz

63  
00:02:40,630 --> 00:02:39,200

undocking they kicked off today with a

64

00:02:43,430 --> 00:02:40,640

little

65

00:02:45,430 --> 00:02:43,440

later than normal wake up time at a 6 30

66

00:02:47,509 --> 00:02:45,440

a.m central time after a shortened sleep

67

00:02:49,509 --> 00:02:47,519

period

68

00:02:51,030 --> 00:02:49,519

the crew today will have a light duty

69

00:02:55,830 --> 00:02:51,040

day and will go to sleep at their

70

00:02:59,430 --> 00:02:57,750

today commander suni williams is

71

00:03:01,509 --> 00:02:59,440

performing maintenance on the advanced

72

00:03:03,509 --> 00:03:01,519

resistive exercise device

73

00:03:05,270 --> 00:03:03,519

one of three exercise equipment devices

74

00:03:06,229 --> 00:03:05,280

on board the international space station

75

00:03:09,190 --> 00:03:06,239

that

76  
00:03:11,190 --> 00:03:09,200  
simulates weight lifting here on earth

77  
00:03:13,589 --> 00:03:11,200  
she also will deploy two environmental

78  
00:03:16,550 --> 00:03:13,599  
health system formaldehyde monitoring

79  
00:03:18,869 --> 00:03:16,560  
kits and relocate soyuz emergency

80  
00:03:20,229 --> 00:03:18,879  
equipment

81  
00:03:22,470 --> 00:03:20,239  
hoshide

82  
00:03:24,789 --> 00:03:22,480  
opened the lab window shutter for the

83  
00:03:26,070 --> 00:03:24,799  
international space station agricultural

84  
00:03:28,149 --> 00:03:26,080  
camera

85  
00:03:29,509 --> 00:03:28,159  
payload and is working to remove and

86  
00:03:31,190 --> 00:03:29,519  
replace the waste and hygiene

87  
00:03:36,390 --> 00:03:31,200  
compartment

88  
00:03:40,710 --> 00:03:38,390

each of the three crew members will put

89

00:03:42,470 --> 00:03:40,720

in their daily two hours of exercise

90

00:03:44,710 --> 00:03:42,480

using the onboard gym equipment that

91

00:03:46,710 --> 00:03:44,720

includes the station bicycle and

92

00:03:50,710 --> 00:03:46,720

treadmill and again that advanced

93

00:03:56,390 --> 00:03:52,309

the crew is then scheduled to go to bed

94

00:04:00,550 --> 00:03:58,229

meanwhile back on earth space station

95

00:04:02,309 --> 00:04:00,560

flight controllers are tracking a piece

96

00:04:04,390 --> 00:04:02,319

of debris

97

00:04:07,110 --> 00:04:04,400

flight control team is evaluating to

98

00:04:08,550 --> 00:04:07,120

determine if a debris avoidance maneuver

99

00:04:10,949 --> 00:04:08,560

will be required

100

00:04:12,869 --> 00:04:10,959

if a maneuver is needed the preliminary

