



1  
00:00:05,349 --> 00:00:03,909  
well good morning from mission control

2  
00:00:07,590 --> 00:00:05,359  
houston and welcome to today's

3  
00:00:09,190 --> 00:00:07,600  
international space station update

4  
00:00:11,110 --> 00:00:09,200  
joining us here inside of the flight

5  
00:00:12,950 --> 00:00:11,120  
control room in houston texas the

6  
00:00:15,110 --> 00:00:12,960  
johnson space center where the orbit two

7  
00:00:16,710 --> 00:00:15,120  
teams on console right now monitoring

8  
00:00:18,390 --> 00:00:16,720  
all the different systems on board this

9  
00:00:20,310 --> 00:00:18,400  
orbiting laboratory

10  
00:00:22,950 --> 00:00:20,320  
that team being led today by flight

11  
00:00:24,950 --> 00:00:22,960  
director tony socce

12  
00:00:27,830 --> 00:00:24,960  
right now overlooking the activities of

13  
00:00:30,310 --> 00:00:27,840

the expedition 34 crew

14

00:00:32,870 --> 00:00:30,320

the astronauts currently up on board the

15

00:00:34,790 --> 00:00:32,880

station uh back down to a three-person

16

00:00:36,870 --> 00:00:34,800

compliment following the undocking and

17

00:00:38,229 --> 00:00:36,880

landing uh yesterday of three of our

18

00:00:39,270 --> 00:00:38,239

crew members

19

00:00:40,630 --> 00:00:39,280

uh so

20

00:00:42,470 --> 00:00:40,640

three crew members right now of

21

00:00:45,350 --> 00:00:42,480

expedition 34 all the way on the left

22

00:00:47,510 --> 00:00:45,360

there leading as the commander's nasa

23

00:00:49,750 --> 00:00:47,520

astronaut kevin ford currently on his

24

00:00:52,389 --> 00:00:49,760

second space flight a veteran of one

25

00:00:54,869 --> 00:00:52,399

previous space shuttle mission

26  
00:00:57,350 --> 00:00:54,879  
he is joined by russian cosmonauts oleg

27  
00:00:59,270 --> 00:00:57,360  
novitskiy and evgeny tarelkin both on

28  
00:01:00,470 --> 00:00:59,280  
their very first flights rookie space

29  
00:01:01,830 --> 00:01:00,480  
fliers but

30  
00:01:04,149 --> 00:01:01,840  
the three have been on board the

31  
00:01:08,390 --> 00:01:04,159  
international space station since

32  
00:01:12,149 --> 00:01:10,230  
they'll be continuing

33  
00:01:14,070 --> 00:01:12,159  
as a three-person crew until about

34  
00:01:15,750 --> 00:01:14,080  
december when uh their next three crew

35  
00:01:17,670 --> 00:01:15,760  
members will launch but

36  
00:01:20,390 --> 00:01:17,680  
again uh last night

37  
00:01:23,270 --> 00:01:20,400  
saw the departure of the

38  
00:01:26,070 --> 00:01:23,280

former expedition 33 crew members uh

39

00:01:27,910 --> 00:01:26,080

expedition 33 commander suni williams

40

00:01:29,990 --> 00:01:27,920

russian cosmonaut yuri malenchenko and

41

00:01:31,910 --> 00:01:30,000

japan aerospace exploration astronaut

42

00:01:34,630 --> 00:01:31,920

aki hoshide

43

00:01:36,469 --> 00:01:34,640

they had a flawless undocking

44

00:01:41,270 --> 00:01:36,479

deorbit and landing inside of their

45

00:01:43,749 --> 00:01:41,280

soyuz tma-05m spacecraft as they

46

00:01:48,789 --> 00:01:43,759

left the international space station

47

00:01:53,190 --> 00:01:51,749

they set a final farewell around 1 12 pm

48

00:01:55,590 --> 00:01:53,200

central time and

49

00:01:57,990 --> 00:01:55,600

then went through a series of

50

00:01:59,510 --> 00:01:58,000

hat shield hatch seal and leak checks on

51  
00:02:01,590 --> 00:01:59,520  
board the international space station

52  
00:02:02,709 --> 00:02:01,600  
also checking out their launch and entry

53  
00:02:05,030 --> 00:02:02,719  
suits

54  
00:02:07,429 --> 00:02:05,040  
also verifying all their seals

55  
00:02:09,350 --> 00:02:07,439  
for integrity and also

56  
00:02:11,510 --> 00:02:09,360  
getting prepared to undock from the

57  
00:02:15,430 --> 00:02:11,520  
station that undocking occurring at

58  
00:02:18,070 --> 00:02:15,440  
about 4 26 pm central time yesterday

59  
00:02:20,550 --> 00:02:18,080  
following a a number of orbits they then

60  
00:02:23,350 --> 00:02:20,560  
completed their 4-minute 43 second

61  
00:02:24,710 --> 00:02:23,360  
deorbit burn at around 703 pm central

62  
00:02:26,470 --> 00:02:24,720  
time yesterday

63  
00:02:29,830 --> 00:02:26,480

finally landing in

64

00:02:31,990 --> 00:02:29,840

the steps of kazakhstan at about 7 56 pm

65

00:02:32,670 --> 00:02:32,000

central time bringing a close

66

00:02:35,030 --> 00:02:32,680

to

67

00:02:36,750 --> 00:02:35,040

125 days on board the international

68

00:02:40,309 --> 00:02:36,760

space station total of

69

00:02:42,869 --> 00:02:40,319

127 days in space for these astronauts

70

00:02:45,910 --> 00:02:42,879

you can see here's some video last night

71

00:02:48,790 --> 00:02:45,920

from the snowy weather out in kazakhstan

72

00:02:50,869 --> 00:02:48,800

where these astronauts touched down

73

00:02:53,670 --> 00:02:50,879

williams who spent

74

00:02:56,070 --> 00:02:53,680

322 days in space on two separate space

75

00:02:57,750 --> 00:02:56,080

missions now ranked sixth all-time in

76

00:03:00,390 --> 00:02:57,760

the u.s endurance list and second

77

00:03:03,190 --> 00:03:00,400

all-time for females

78

00:03:06,149 --> 00:03:03,200

veteran flyer yuri malenchenko has spent

79

00:03:08,309 --> 00:03:06,159

a total of 642 days in space spanning

80

00:03:10,070 --> 00:03:08,319

across five different flights putting

81

00:03:11,910 --> 00:03:10,080

him seventh on the all-time endurance

82

00:03:14,309 --> 00:03:11,920

list

83

00:03:17,270 --> 00:03:14,319

another major milestone to come out of

84

00:03:18,630 --> 00:03:17,280

uh this ex this past expedition was

85

00:03:20,710 --> 00:03:18,640

between

86

00:03:22,869 --> 00:03:20,720

sunny williams and aki hoshide who

87

00:03:25,030 --> 00:03:22,879

completed three space walks

88

00:03:27,030 --> 00:03:25,040

replacing a component to help relay

89

00:03:29,030 --> 00:03:27,040

power from the space station solar rays

90

00:03:31,190 --> 00:03:29,040

to its various systems and also

91

00:03:33,430 --> 00:03:31,200

repairing an ammonia leak that cropped

92

00:03:35,430 --> 00:03:33,440

up on one of the station radiators suni

93

00:03:37,509 --> 00:03:35,440

williams now with 50 hours and 40

94

00:03:39,589 --> 00:03:37,519

minutes of spacewalk time

95

00:03:42,390 --> 00:03:39,599

holds the record for cumulative total

96

00:03:44,789 --> 00:03:42,400

spacewalking time by a female astronaut

97

00:03:47,430 --> 00:03:44,799

and aki hoshide holding his own record

98

00:03:50,630 --> 00:03:47,440

for total time by a jaxa astronaut

99

00:03:52,789 --> 00:03:50,640

standing at about 21 hours 23 minutes

100

00:03:54,949 --> 00:03:52,799

so with their departure down to a

101  
00:03:57,509 --> 00:03:54,959  
three-person crew for a couple of weeks

102  
00:03:59,589 --> 00:03:57,519  
today the crew woke up at about

103  
00:04:00,710 --> 00:03:59,599  
six am central times getting a little

104  
00:04:03,429 --> 00:04:00,720  
bit of

105  
00:04:05,270 --> 00:04:03,439  
extra sleeping time to

106  
00:04:06,949 --> 00:04:05,280  
as they move into a day off they were

107  
00:04:09,110 --> 00:04:06,959  
working throughout much of the day

108  
00:04:12,309 --> 00:04:09,120  
yesterday and all the undocking support

109  
00:04:13,670 --> 00:04:12,319  
activities they'll resume their research

110  
00:04:16,069 --> 00:04:13,680  
and maintenance work on board the

111  
00:04:19,030 --> 00:04:16,079  
station on a limited basis tomorrow and