



1
00:00:11,790 --> 00:00:09,210
it's not a ranking shine in their first

2
00:00:13,920 --> 00:00:11,800
full day of orbit discovery commander

3
00:00:16,109 --> 00:00:13,930
Steve Lindsey and his crewmates got

4
00:00:18,540 --> 00:00:16,119
their ship ready for its docking to the

5
00:00:20,779 --> 00:00:18,550
International Space Station the crew

6
00:00:22,769 --> 00:00:20,789
completed the routine a flight day to

7
00:00:25,229 --> 00:00:22,779
inspection of the thermal protection

8
00:00:28,079 --> 00:00:25,239
system of the Space Shuttle using the

9
00:00:30,259 --> 00:00:28,089
orbiter boom sensor system in the grip

10
00:00:32,700 --> 00:00:30,269
of the space shuttle's robotic arm to

11
00:00:36,900 --> 00:00:32,710
survey the reinforced carbon-carbon

12
00:00:39,240 --> 00:00:36,910
panels and the heat shield tiles on the

13
00:00:41,459 --> 00:00:39,250

starboard and port wings of the shuttle

14

00:00:43,860 --> 00:00:41,469

as well as the nose cap looking for any

15

00:00:47,340 --> 00:00:43,870

evidence of damage from debris either

16

00:00:49,799 --> 00:00:47,350

from during a ascent or while the shuttle

17

00:00:51,360 --> 00:00:49,809

has been on orbit that information is in

18

00:00:53,579 --> 00:00:51,370

the hands of specialists at the Johnson

19

00:00:55,410 --> 00:00:53,589

Space Center who will be studying it to

20

00:00:57,119 --> 00:00:55,420

see if there's any evidence of such

21

00:00:59,729 --> 00:00:57,129

damage or whether there's any need for

22

00:01:03,029 --> 00:00:59,739

any areas of the shuttle to have some

23

00:01:05,100 --> 00:01:03,039

later more focused inspection along with

24

00:01:07,110 --> 00:01:05,110

that the crew members also completed the

25

00:01:09,570 --> 00:01:07,120

check out of the spacesuits that will be

26
00:01:12,570 --> 00:01:09,580
worn by astronauts Steve Bowen and Al

27
00:01:15,030 --> 00:01:12,580
drew during two spacewalks next week as

28
00:01:17,070 --> 00:01:15,040
the shuttle crew members complete their

29
00:01:19,230 --> 00:01:17,080
assembly and maintenance work on the

30
00:01:21,480 --> 00:01:19,240
International Space Station crew is also

31
00:01:23,850 --> 00:01:21,490
completed the installation of a

32
00:01:26,580 --> 00:01:23,860
centerline camera in the orbiter docking

33
00:01:29,810 --> 00:01:26,590
system and extended the docking ring on

34
00:01:32,670 --> 00:01:29,820
the ods to prepare it for its rendezvous

35
00:01:34,740 --> 00:01:32,680
both early in the day and a late in the

36
00:01:37,740 --> 00:01:34,750
cruise day commander Steve Lindsey and

37
00:01:40,110 --> 00:01:37,750
pilot eric boe completed a firing of the

38
00:01:42,360 --> 00:01:40,120

shuttles reaction control system jets to

39

00:01:45,630 --> 00:01:42,370

refine discoveries approach to the

40

00:01:48,750 --> 00:01:45,640

International Space Station the NC to

41

00:01:50,780 --> 00:01:48,760

burn and the NC three burns are putting

42

00:01:53,370 --> 00:01:50,790

discovery on a precise trajectory

43

00:01:57,060 --> 00:01:53,380

designed to reach the International

44

00:01:59,730 --> 00:01:57,070

Space Station at 115 central time on

45

00:02:01,800 --> 00:01:59,740

Saturday afternoon it burned discovery

46

00:02:04,290 --> 00:02:01,810

no further trim required during the

47

00:02:07,380 --> 00:02:04,300

course of the day early on the crew also

48

00:02:09,660 --> 00:02:07,390

got a call from their additional crew

49

00:02:13,370 --> 00:02:09,670

mate mission specialist tim kopra

50

00:02:15,980 --> 00:02:13,380

original member of the sts-133 crew

51
00:02:17,960 --> 00:02:15,990
who was unable to make the flight due to

52
00:02:21,020 --> 00:02:17,970
injuries suffered in a bicycle accident

53
00:02:23,480 --> 00:02:21,030
in January he spent some time in the

54
00:02:26,630 --> 00:02:23,490
control room today and took a moment to

55
00:02:28,520 --> 00:02:26,640
talk to his friends on orbit hey Steve

56
00:02:30,380 --> 00:02:28,530
Tim I just wanted to tell you guys you

57
00:02:33,770 --> 00:02:30,390
had an awesome launch and we're all very

58
00:02:35,300 --> 00:02:33,780
proud of you down here so great to hear

59
00:02:37,430 --> 00:02:35,310
your voice Jimmu wish you were here

60
00:02:40,070 --> 00:02:37,440
because I attend you on the hunt for the

61
00:02:42,110 --> 00:02:40,080
overlay than a minute but anyway

62
00:02:44,270 --> 00:02:42,120
appreciate the good words it was a great

63
00:02:47,360 --> 00:02:44,280

launch can't tell you how much we wish

64

00:02:49,250 --> 00:02:47,370

you were here with us as well well I'm

65

00:02:50,780 --> 00:02:49,260

sure you you know that I feel the same

66

00:02:52,400 --> 00:02:50,790

way but I definitely feel like I'm there

67

00:02:54,650 --> 00:02:52,410

in spirit and I'm especially looking

68

00:02:58,010 --> 00:02:54,660

forward to seeing Stephen al go out the

69

00:03:00,110 --> 00:02:58,020

door and do great work copra has been

70

00:03:03,310 --> 00:03:00,120

working with his crewmates since his

71

00:03:06,230 --> 00:03:03,320

injury to help prepare steve bowen his

72

00:03:08,600 --> 00:03:06,240

replacement on orbit to get ready for

73

00:03:11,210 --> 00:03:08,610

the spacewalks and copra will also be on

74

00:03:13,640 --> 00:03:11,220

the console during the spacewalks to

75

00:03:16,490 --> 00:03:13,650

help direct his crewmates through the

76

00:03:19,880 --> 00:03:16,500

plan to EV a's which he helped to

77

00:03:22,400 --> 00:03:19,890

choreograph onboard the International

78

00:03:25,370 --> 00:03:22,410

Space Station today a reboost of the

79

00:03:27,620 --> 00:03:25,380

station was completed using the ATV

80

00:03:29,810 --> 00:03:27,630

engines the automated Transfer Vehicle

81

00:03:33,230 --> 00:03:29,820

which docked to the International Space

82

00:03:35,660 --> 00:03:33,240

Station just a day before and then later

83

00:03:37,970 --> 00:03:35,670

this morning commander Scott Kelly and

84

00:03:42,050 --> 00:03:37,980

his crew members opened the hatch to the

85

00:03:44,300 --> 00:03:42,060

ATV to get a look inside that European

86

00:03:46,160 --> 00:03:44,310

Space Agency supplied a cargo vehicle

87

00:03:49,100 --> 00:03:46,170

they will over the course of the next

88

00:03:51,620 --> 00:03:49,110

three months be emptying it of its cargo

89

00:03:54,440 --> 00:03:51,630

of food and other supplies and

90

00:03:57,410 --> 00:03:54,450

ultimately fill it with refuse and

91

00:04:00,440 --> 00:03:57,420

broken equipment for disposal when the

92

00:04:03,830 --> 00:04:00,450

ATV is undocked from the station and

93

00:04:11,700 --> 00:04:03,840

heads to a fiery demise over the Pacific