



1
00:00:12,549 --> 00:00:10,790
in their first full day of orbit

2
00:00:15,190 --> 00:00:12,559
discovery commander steve lindsey and

3
00:00:16,950 --> 00:00:15,200
his crewmates got their ship ready for

4
00:00:17,910 --> 00:00:16,960
its docking to the international space

5
00:00:20,310 --> 00:00:17,920
station

6
00:00:22,230 --> 00:00:20,320
the crew completed the routine flight

7
00:00:24,630 --> 00:00:22,240
day 2 inspection of the thermal

8
00:00:27,269 --> 00:00:24,640
protection system of the space shuttle

9
00:00:29,589 --> 00:00:27,279
using the orbiter boom sensor system in

10
00:00:30,390 --> 00:00:29,599
the grip of the space shuttle's robotic

11
00:00:33,030 --> 00:00:30,400
arm

12
00:00:34,549 --> 00:00:33,040
to survey the reinforced carbon carbon

13
00:00:37,910 --> 00:00:34,559

panels and the

14

00:00:39,750 --> 00:00:37,920

heat shield tiles on the starboard and

15

00:00:42,229 --> 00:00:39,760

port wings of the shuttle as well as the

16

00:00:45,190 --> 00:00:42,239

nose cap looking for any evidence of

17

00:00:46,389 --> 00:00:45,200

damage from debris either from during

18

00:00:48,709 --> 00:00:46,399

ascent or

19

00:00:50,150 --> 00:00:48,719

while the shuttle has been on orbit that

20

00:00:51,830 --> 00:00:50,160

information is in the hands of

21

00:00:53,910 --> 00:00:51,840

specialists at the johnson space center

22

00:00:56,069 --> 00:00:53,920

who will be studying it to see if

23

00:00:58,470 --> 00:00:56,079

there's any evidence of such damage or

24

00:01:00,869 --> 00:00:58,480

whether there's any need for any areas

25

00:01:02,549 --> 00:01:00,879

of the shuttle to have some later more

26

00:01:04,390 --> 00:01:02,559

focused inspection

27

00:01:06,469 --> 00:01:04,400

along with that the crew members also

28

00:01:08,630 --> 00:01:06,479

completed the checkout of the spacesuits

29

00:01:11,670 --> 00:01:08,640

that will be worn by astronauts steve

30

00:01:14,310 --> 00:01:11,680

bowen and al drew during two spacewalks

31

00:01:16,390 --> 00:01:14,320

next week as the shuttle crew members

32

00:01:18,550 --> 00:01:16,400

complete their assembly and maintenance

33

00:01:21,109 --> 00:01:18,560

work on the international space station

34

00:01:23,350 --> 00:01:21,119

crew has also completed the installation

35

00:01:25,990 --> 00:01:23,360

of a centerline camera in the orbiter

36

00:01:29,190 --> 00:01:26,000

docking system and extended the docking

37

00:01:30,469 --> 00:01:29,200

ring on the ods to prepare it for its

38

00:01:32,550 --> 00:01:30,479

rendezvous

39

00:01:34,630 --> 00:01:32,560

both early in the day and late in the

40

00:01:37,670 --> 00:01:34,640

cruise day commander steve lindsey and

41

00:01:39,749 --> 00:01:37,680

pilot eric boe completed a firing of the

42

00:01:42,230 --> 00:01:39,759

shuttle's reaction control system jets

43

00:01:46,069 --> 00:01:42,240

to refine discovery's approach to the

44

00:01:49,350 --> 00:01:46,079

international space station the nc2 burn

45

00:01:51,990 --> 00:01:49,360

and the nc-3 burns are putting discovery

46

00:01:54,389 --> 00:01:52,000

on a precise trajectory designed to

47

00:01:57,749 --> 00:01:54,399

reach the international space station

48

00:01:59,990 --> 00:01:57,759

at 1 15 central time on saturday

49

00:02:01,350 --> 00:02:00,000

afternoon good burn discovery no further

50

00:02:03,429 --> 00:02:01,360

trim required

51
00:02:06,389 --> 00:02:03,439
during the course of the day early on

52
00:02:08,869 --> 00:02:06,399
the crew also got a call from their

53
00:02:12,630 --> 00:02:08,879
additional crewmate mission specialist

54
00:02:15,430 --> 00:02:12,640
tim copra original member of the sts-133

55
00:02:17,750 --> 00:02:15,440
crew who was unable to make the flight

56
00:02:19,670 --> 00:02:17,760
due to injuries suffered in a bicycle

57
00:02:21,589 --> 00:02:19,680
accident in january

58
00:02:24,390 --> 00:02:21,599
he spent some time in the control room

59
00:02:25,990 --> 00:02:24,400
today and took a moment to talk to his

60
00:02:27,830 --> 00:02:26,000
friends on orbit

61
00:02:29,670 --> 00:02:27,840
hey steve uh tim i just wanted to tell

62
00:02:31,030 --> 00:02:29,680
you guys you all had an awesome launch

63
00:02:32,630 --> 00:02:31,040

and we're all very proud of you down

64

00:02:34,710 --> 00:02:32,640

here

65

00:02:36,550 --> 00:02:34,720

oh great to hear your voice tim i wish

66

00:02:38,070 --> 00:02:36,560

you were here because i'd send you on

67

00:02:39,110 --> 00:02:38,080

the hunt for the overlay that i'm

68

00:02:41,350 --> 00:02:39,120

missing

69

00:02:43,350 --> 00:02:41,360

but uh anyway appreciate the good words

70

00:02:45,110 --> 00:02:43,360

it was a great launch uh i can't tell

71

00:02:46,790 --> 00:02:45,120

you how much we wish you were here with

72

00:02:48,949 --> 00:02:46,800

us as well

73

00:02:50,470 --> 00:02:48,959

well i'm sure you know that i feel the

74

00:02:52,150 --> 00:02:50,480

same way but i definitely feel like i'm

75

00:02:54,309 --> 00:02:52,160

there in spirit and i'm especially

76
00:02:56,869 --> 00:02:54,319
looking forward to seeing steve now go

77
00:02:58,869 --> 00:02:56,879
out the door and do great work

78
00:03:01,190 --> 00:02:58,879
copra has been working with his

79
00:03:04,550 --> 00:03:01,200
crewmates since his injury to help

80
00:03:07,030 --> 00:03:04,560
prepare steve bowen his replacement on

81
00:03:09,509 --> 00:03:07,040
orbit to get ready for the spacewalks

82
00:03:12,309 --> 00:03:09,519
and copra will also be on the console

83
00:03:15,670 --> 00:03:12,319
during the spacewalks to help direct his

84
00:03:18,550 --> 00:03:15,680
crewmates through the planned evas which

85
00:03:20,470 --> 00:03:18,560
he helped to choreograph

86
00:03:23,030 --> 00:03:20,480
on board the international space station

87
00:03:26,390 --> 00:03:23,040
today a reboost of the station was

88
00:03:28,710 --> 00:03:26,400

completed using the atv engines the

89

00:03:30,630 --> 00:03:28,720

automated transfer vehicle which docked

90

00:03:34,229 --> 00:03:30,640

to the international space station just

91

00:03:35,990 --> 00:03:34,239

a day before and then later this morning

92

00:03:39,589 --> 00:03:36,000

commander scott kelly and his crew

93

00:03:42,309 --> 00:03:39,599

members opened the hatch to the atv to

94

00:03:44,710 --> 00:03:42,319

get a look inside that european space

95

00:03:46,470 --> 00:03:44,720

agency supplied a cargo vehicle they

96

00:03:49,670 --> 00:03:46,480

will over the course of the next three

97

00:03:52,390 --> 00:03:49,680

months be emptying it of its cargo of

98

00:03:54,710 --> 00:03:52,400

food and other supplies and ultimately

99

00:03:58,949 --> 00:03:54,720

affiliate with refuse and broken

100

00:04:01,830 --> 00:03:58,959

equipment for disposal when the atv is

101

00:04:04,630 --> 00:04:01,840

undocked from the station and heads to a