



BR1

MNC
R14

A6

ORBIT STATION LIGHTING
FLOOD

PANEL

1
00:00:09,350 --> 00:00:07,909
this is the 134th launch of the space

2
00:00:11,270 --> 00:00:09,360
shuttle program

3
00:00:12,390 --> 00:00:11,280
the 25th launch of space shuttle

4
00:00:14,870 --> 00:00:12,400
endeavour

5
00:00:16,790 --> 00:00:14,880
and the 36th flight to the international

6
00:00:18,470 --> 00:00:16,800
space station

7
00:00:20,790 --> 00:00:18,480
endeavor will deliver the alpha magnetic

8
00:00:22,790 --> 00:00:20,800
spectrometer called ams2

9
00:00:24,710 --> 00:00:22,800
a particle physics detector designed to

10
00:00:27,429 --> 00:00:24,720
search for various types of unusual

11
00:00:28,950 --> 00:00:27,439
matter by measuring cosmic rays

12
00:00:30,950 --> 00:00:28,960
its experiments are designed to help

13
00:00:33,670 --> 00:00:30,960

researchers study and look for clues to

14

00:00:35,510 --> 00:00:33,680

the formation of the universe

15

00:00:37,990 --> 00:00:35,520

endeavor will also bring up to the

16

00:00:39,910 --> 00:00:38,000

station the express logistics carrier 3

17

00:00:42,150 --> 00:00:39,920

that external platform for the space

18

00:00:44,150 --> 00:00:42,160

station that holds large equipment that

19

00:00:46,389 --> 00:00:44,160

will carry spare parts and equipment to

20

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

sustain the space station's operation in

21

00:01:00,709 --> 00:00:48,719

space once the last space shuttle flight

22

00:01:00,719 --> 00:01:25,270

hey guys

23

00:01:29,109 --> 00:01:26,710

endeavor launch director air to ground

24

00:01:32,870 --> 00:01:31,030

okay mark looks like a great day to uh

25

00:01:34,310 --> 00:01:32,880

launch endeavor for the final time so on

26

00:01:35,510 --> 00:01:34,320

behalf of the thousands of proud

27

00:01:36,390 --> 00:01:35,520

americans who have been part of her

28

00:01:37,670 --> 00:01:36,400

journey

29

00:01:41,030 --> 00:01:37,680

good luck godspeed and we'll see you

30

00:01:43,429 --> 00:01:41,040

back here june 1st

31

00:01:45,670 --> 00:01:43,439

thank you sir on this final flight of

32

00:01:47,910 --> 00:01:45,680

space shuttle endeavor we want to thank

33

00:01:49,910 --> 00:01:47,920

all the tens of thousands of dedicated

34

00:01:52,149 --> 00:01:49,920

employees that have put their hands on

35

00:01:54,310 --> 00:01:52,159

this incredible ship and dedicated their

36

00:01:55,990 --> 00:01:54,320

life to the space shuttle program as

37

00:01:57,749 --> 00:01:56,000

americans we endeavor to build a better

38

00:02:00,550 --> 00:01:57,759

life than the generation before and we

39

00:02:02,950 --> 00:02:00,560

endeavor to be a united nation in these

40

00:02:04,550 --> 00:02:02,960

efforts we are often tested this mission

41

00:02:06,550 --> 00:02:04,560

represents the power of teamwork

42

00:02:08,309 --> 00:02:06,560

commitment and exploration it is in the

43

00:02:11,430 --> 00:02:08,319

dna of our great country to reach for

44

00:02:13,270 --> 00:02:11,440

the stars and explore we must not stop

45

00:02:15,830 --> 00:02:13,280

to all the millions watching today

46

00:02:17,670 --> 00:02:15,840

including our spouses children family

47

00:02:34,150 --> 00:02:17,680

and friends we thank you for your

48

00:02:38,790 --> 00:02:36,470

for the final launch of endeavor

49

00:02:56,790 --> 00:02:38,800

expanding our knowledge on expanding our

50

00:03:03,190 --> 00:02:58,790

endeavor begins the heads-down position

51
00:03:14,390 --> 00:03:03,200
on course for a 51.6 degree 136 by 36

52
00:03:18,710 --> 00:03:17,270
okay homes burn starting in five seconds

53
00:03:25,990 --> 00:03:18,720
about now

54
00:03:31,030 --> 00:03:28,470
that's a real burnout it's a long burn

55
00:03:32,789 --> 00:03:31,040
again you're right there goes this

56
00:03:34,949 --> 00:03:32,799
yeah that's like a

57
00:03:38,390 --> 00:03:34,959
tenth of a g where's your other boot by

58
00:03:38,400 --> 00:03:43,509
hey we're trying to work down here

59
00:03:49,830 --> 00:03:44,710
that's a good

60
00:03:57,589 --> 00:03:49,840
okay we're going to open the payload bay

61
00:04:04,470 --> 00:04:00,309
i see good now the forward and aft

62
00:04:04,480 --> 00:04:09,190
so far so good mark all right

63
00:04:09,200 --> 00:04:14,390

one time

64

00:04:19,430 --> 00:04:17,110

another 15 seconds package

65

00:04:22,150 --> 00:04:19,440

and you always keep track of the big

66

00:04:24,150 --> 00:04:22,160

switch yes i am i have my eyeballs on it

67

00:04:29,590 --> 00:04:24,160

and my fingers can get to it there we go

68

00:04:29,600 --> 00:05:05,189

it looks like a dual motor time

69

00:05:05,199 --> 00:05:12,230

sunshine

70

00:05:16,070 --> 00:05:13,830

all right here we are in the flight deck

71

00:05:18,390 --> 00:05:16,080

of endeavor flight day one

72

00:05:21,670 --> 00:05:18,400

recently in space sorry about the cloud

73

00:05:23,909 --> 00:05:21,680

deck when we took off

74

00:05:25,430 --> 00:05:23,919

we're really excited it's great to be up

75

00:05:27,590 --> 00:05:25,440

here

76

00:05:28,870 --> 00:05:27,600

yeah it was a spectacular ride i

77

00:05:31,029 --> 00:05:28,880

couldn't see anything about the lockers

78

00:05:33,270 --> 00:05:31,039

but it was still a lot of fun

79

00:05:34,950 --> 00:05:33,280

no master alarms i'll have to say it was

80

00:05:36,629 --> 00:05:34,960

a lot different than

81

00:05:39,430 --> 00:05:36,639

find on the soyuz

82

00:05:41,990 --> 00:05:39,440

hey guys here we are roberto and i we're

83

00:05:44,150 --> 00:05:42,000

on the mid deck we're setting up uh gira

84

00:05:45,430 --> 00:05:44,160

which is our water purification system

85

00:05:47,590 --> 00:05:45,440

over here

86

00:05:49,830 --> 00:05:47,600

and uh

87

00:05:51,510 --> 00:05:49,840

we've been in space now for what

88

00:05:53,830 --> 00:05:51,520

four hours five hours something like

89

00:05:56,230 --> 00:05:53,840

that and um amazing we're all feeling

90

00:05:57,430 --> 00:05:56,240

great it's uh this is awesome i just i

91

00:06:00,710 --> 00:05:57,440

can't wait to get back to the space

92

00:06:01,749 --> 00:06:00,720

station and uh phil i'm just awesome

93

00:06:04,390 --> 00:06:01,759

roberto

94

00:06:06,390 --> 00:06:04,400

my first ride on the shuttle was a

95

00:06:08,710 --> 00:06:06,400

amazing launch

96

00:06:10,870 --> 00:06:08,720

and then mikko

97

00:06:12,629 --> 00:06:10,880

i was a little afraid but

98

00:06:14,230 --> 00:06:12,639

got quickly adapted

99

00:06:16,710 --> 00:06:14,240

and

100

00:06:19,270 --> 00:06:16,720

it's very interesting to work with the

101

00:06:21,909 --> 00:06:19,280

old shuttle systems and i need to say

102

00:06:24,230 --> 00:06:21,919

that it's easier here microgravity than

103

00:06:25,029 --> 00:06:24,240

was in the in the during the training

104

00:06:26,629 --> 00:06:25,039

flow

105

00:06:31,670 --> 00:06:26,639

most of the

106

00:06:33,590 --> 00:06:31,680

sense it's uh it is very intuitive and

107

00:06:35,189 --> 00:06:33,600

uh i put a beer

108

00:06:37,430 --> 00:06:35,199

and it was a great write-up it was an

109

00:06:39,029 --> 00:06:37,440

awesome flight up you're upside down hey

110

00:06:40,790 --> 00:06:39,039

didn't i see you up here last time i

111

00:06:43,430 --> 00:06:40,800

went upside down last night too you're