

JAXA



1
00:00:08,540 --> 00:00:03,830
t-minus 30 seconds and counting the

2
00:00:09,020 --> 00:00:08,550
launch dick water garden starts make you

3
00:00:11,540 --> 00:00:09,030
go

4
00:00:13,820 --> 00:00:11,550
Thank You Yong thank you son thank you

5
00:00:17,990 --> 00:00:13,830
thank you thank you

6
00:00:21,560 --> 00:00:18,000
did you have to do that hat do it okay

7
00:00:34,880 --> 00:00:21,570
beautiful right by the model t-minus 10

8
00:00:37,520 --> 00:00:34,890
9 8 7 6 5 4 3 2 1 ignition and liftoff

9
00:00:40,790 --> 00:00:37,530
liftoff of the HTV on a journey to the

10
00:00:44,119 --> 00:00:40,800
International Space Station for the

11
00:00:45,020 --> 00:00:44,129
yellow face top h2v 250 on go Chiaki he

12
00:00:48,049 --> 00:00:45,030
needed money

13
00:00:50,240 --> 00:00:48,059

Hachi casino pudding Eunji hop you into

14

00:00:52,639 --> 00:00:50,250

the caballo de negocio choose him we

15

00:00:54,889 --> 00:00:52,649

check it at a master we had a liftoff of

16

00:00:57,020 --> 00:00:54,899

the HTV launch people number four with

17

00:01:00,260 --> 00:00:57,030

the conical four on board from the

18

00:01:03,770 --> 00:01:00,270

Tanegashima Space Center at 4:40 8:46

19

00:01:06,830 --> 00:01:03,780

a.m. on August 4 2013 in Japan from the

20

00:01:08,719 --> 00:01:06,840

time and 35 seconds into the flight and

21

00:01:13,310 --> 00:01:08,729

a familiar scream of the HTV as it heads

22

00:01:15,469 --> 00:01:13,320

up hill after liftoff the launch people

23

00:01:17,320 --> 00:01:15,479

operation control was shifted from the

24

00:01:20,480 --> 00:01:17,330

block house to the range control center

25

00:01:23,450 --> 00:01:20,490

rocket dog and a hawkish kaho kaku kaku

26
00:01:26,780 --> 00:01:23,460
hot dango Toto see Johnny Anto hobo no

27
00:01:28,640 --> 00:01:26,790
Calle Ocho is Cosima the HTTP is now

28
00:01:30,890 --> 00:01:28,650
flying over the Pacific Ocean to the

29
00:01:33,980 --> 00:01:30,900
southeast with its initial flight angle

30
00:01:35,660 --> 00:01:33,990
over 108 point five degrees oke gear

31
00:01:38,560 --> 00:01:35,670
which are you go if doing a kick-ass

32
00:01:41,300 --> 00:01:38,570
master it's one minute after left off

33
00:01:42,980 --> 00:01:41,310
okay Dora say John is for true daddy

34
00:01:45,080 --> 00:01:42,990
Tanegashima what you know Don akaku

35
00:01:47,450 --> 00:01:45,090
tsuyoku Tony look at the knots will be

36
00:01:49,310 --> 00:01:47,460
up on our team off the HTV is flying

37
00:01:50,840 --> 00:01:49,320
normally and the Tanegashima

38
00:01:53,929 --> 00:01:50,850

and originalist stations are tracking

39

00:01:55,429 --> 00:01:53,939

the launch vehicle very well happy you

40

00:01:58,460 --> 00:01:55,439

happy GDP

41

00:02:01,340 --> 00:01:58,470

Aki give me a kiss your son a ticket on

42

00:02:04,180 --> 00:02:01,350

happy new book happy happy one minute 30

43

00:02:15,440 --> 00:02:04,190

seconds into the flight all systems go

44

00:02:27,390 --> 00:02:23,850

standing by for SRB burnout how could

45

00:02:29,910 --> 00:02:27,400

you keep doing that

46

00:02:42,660 --> 00:02:29,920

that'll be an angel shoot it so be able

47

00:02:46,750 --> 00:02:45,250

if that would be a better spare jettison

48

00:02:49,000 --> 00:02:46,760

the second pair will follow here shortly

49

00:02:53,730 --> 00:02:49,010

the first time stick on two pairs of s

50

00:02:53,740 --> 00:03:02,710

[Applause]

51
00:03:02,720 --> 00:03:06,180
[Music]

52
00:03:11,580 --> 00:03:08,730
poor productivity not okay to trivialize

53
00:03:12,440 --> 00:03:11,590
sorry master the observer station has

54
00:03:23,030 --> 00:03:12,450
started trucking

55
00:03:26,600 --> 00:03:25,220
a fairing that surrounds the HTV at the

56
00:03:33,369 --> 00:03:26,610
top of the rocket should be jettisoned

57
00:03:38,839 --> 00:03:35,720
which here you go something like a

58
00:03:45,920 --> 00:03:38,849
customer stop it's three minutes after

59
00:03:50,449 --> 00:03:45,930
left off Daichi ing dementia was a Joe

60
00:03:53,300 --> 00:03:50,459
say okay okay locate origin to install

61
00:03:55,640 --> 00:03:53,310
to the Katori Kenda of Ottawa yeah cool

62
00:03:59,030 --> 00:03:55,650
Shekinah Thank You kilometer he also -

63
00:04:01,039 --> 00:03:59,040

yeah cool meeting sang kilometres the

64

00:04:03,110 --> 00:04:01,049

first stage engine combustion attitude

65

00:04:05,589 --> 00:04:03,120

control and flight trajectory are all

66

00:04:08,509 --> 00:04:05,599

normal the flight goes very smoothly

67

00:04:10,610 --> 00:04:08,519

current altitude is approximately one

68

00:04:12,740 --> 00:04:10,620

hundred seven point nine kilometers

69

00:04:17,420 --> 00:04:12,750

velocity is approximately two point

70

00:04:19,219 --> 00:04:17,430

three kilometers per second if you've

71

00:04:21,349 --> 00:04:19,229

had england "i they go the fairing

72

00:04:25,070 --> 00:04:21,359

jettison the fairing has been jettisoned

73

00:04:28,760 --> 00:04:25,080

the next miles don't be the first stage

74

00:04:32,850 --> 00:04:28,770

engine cutoff I should have her here in

75

00:05:33,790 --> 00:04:55,500

[Applause]

76
00:05:39,649 --> 00:05:36,559
which are you go Kohanga cacus my stuff

77
00:05:42,709 --> 00:05:39,659
it's five minutes after liftoff okay

78
00:05:44,899 --> 00:05:42,719
Chinchin sports the Katori en de novo de

79
00:05:47,989 --> 00:05:44,909
la Cucaracha kilo meter

80
00:05:49,730 --> 00:05:47,999
yosaku yaku young 10 sang kilo meter

81
00:05:53,209 --> 00:05:49,740
with about 30 more seconds left in the

82
00:05:55,100 --> 00:05:53,219
first stage engine altitude is about 160

83
00:06:08,310 --> 00:05:55,110
kilometers velocity is approximately

84
00:06:08,320 --> 00:06:15,580
[Applause]

85
00:06:15,590 --> 00:06:22,370
standing by for first-stage cutoff

86
00:06:28,820 --> 00:06:25,190
betadine in dementia tissue first stage

87
00:06:30,290 --> 00:06:28,830
engine cutoff cutoff confirm the first

88
00:06:31,910 --> 00:06:30,300

stage should be dropping away here

89

00:06:34,640 --> 00:06:31,920

shortly from the second stage in the

90

00:06:42,560 --> 00:06:34,650

second stage will ignite first and the

91

00:06:44,720 --> 00:06:42,570

second stage is separation they need an

92

00:06:48,740 --> 00:06:44,730

engine in shock I see second stage

93

00:06:49,880 --> 00:06:48,750

engine ignition so right on time the

94

00:06:51,950 --> 00:06:49,890

second stage ignites

95

00:06:55,340 --> 00:06:51,960

the rest of the flight the second stage

96

00:06:57,170 --> 00:06:55,350

will burn for about the next eight

97

00:06:59,390 --> 00:06:57,180

minutes or so and then it will cut off

98

00:07:01,760 --> 00:06:59,400

and then separation will occur at 3:03

99

00:07:10,340 --> 00:07:01,770

p.m. Central Time station has started

100

00:07:12,100 --> 00:07:10,350

trucking again this vehicle is taking

101

00:07:15,050 --> 00:07:12,110

with it three point six tons of supplies

102

00:07:17,000 --> 00:07:15,060

for the expedition 36 crew including

103

00:07:19,010 --> 00:07:17,010

quite a bit of science and a crew

104

00:07:20,360 --> 00:07:19,020

supplies as well as some new tasks for

105

00:07:23,090 --> 00:07:20,370

the important robotic refueling mission

106

00:07:26,150 --> 00:07:23,100

or RRM this is a live look at the scuba

107

00:07:27,770 --> 00:07:26,160

Space Center as the JAXA team there