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Countdown Report for the H-IIB Flight No.4 carrying H-IIB Flight No.4 carrying KOUNOTORI4(HTV4)

Final countdown status of H-IIB Flight No.4 carrying KOUNOTORI4(HTV4) will be reported.

※ Please reload this page for the latest on the launch.

August 04, 2013 05:03 JST

Separation of "KOUNOTORI 4" (HTV4) confirmed

The separation of "KOUNOTORI 4" (HTV4) has been confirmed.

August 04, 2013 04:48 JST

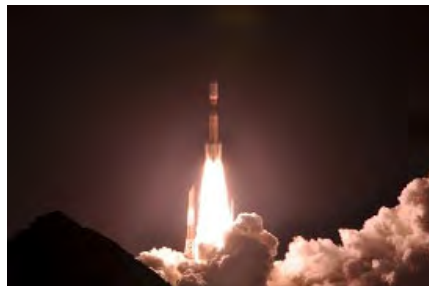
Liftoff

Mitsubishi Heavy Industries (MHI) has launched the H-IIB Launch Vehicle No. 4 carrying "KOUNOTORI4" at 04:48 on Aug 4, 2013 JST from the Tanegashima Space Center.



< Click image to enlarge >

Liftoff of H-IIB F4 (1)



< Click image to enlarge >

Liftoff of H-IIB F4 (2)

August 04, 2013 04:47 JST

Automatic countdown sequence to start

It is 4 minutes and 30 seconds before liftoff. The automatic countdown sequence has started.

August 04, 2013 04:18 JST

X-30 minutes

It is 30 minutes before launch.

August 04, 2013 03:48 JST
X-60 minutes

It is 60 minutes before launch. The final countdown operation has started.



< Click image to enlarge >

H-IIB F4 - Final countdown operation has started

August 04, 2013 03:43 JST
Third Go/No Go Decision

The green light has been given to the X-60 minutes terminal countdown operation.

August 04, 2013 03:16 JST
Attitude control system flight slew test completed

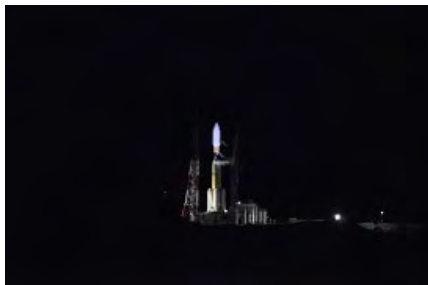
The second attitude control system flight slew test has been completed.

August 04, 2013 00:10 JST
Radio frequency system checked up

The radio frequency system between H-IIB F4 and the ground stations has been checked up.

August 03, 2013 23:25 JST
First stage and second stage liquid oxygen and liquid hydrogen tanks fully loaded

It has been confirmed that the first- and second-stage liquid hydrogen and liquid oxygen tanks have been fully loaded.



< Click image to enlarge >

H-IIB F4 - Both liquid hydrogen and liquid oxygen tanks fully loaded

August 03, 2013 22:01 JST
Attitude control system flight slew test completed

By running programs of the guidance and control system mounted on H-IIB F4, it has been confirmed that all devices for flight attitude control are working as expected.

August 03, 2013 20:56 JST

Access restrictions to start within a radius of 3,000 meters from launch pad.

Access will now be restricted within a radius of 3,000 meters from the launch pad.

August 03, 2013 19:30 JST

Terminal countdown operation to start

Terminal countdown operation has started. Access will now be restricted within a radius of 400 meters from the launch pad.



< Click image to enlarge >

Terminal countdown operation has started

August 03, 2013 19:04 JST

Second Go/No Go Decision '-Go'

Final checks have been made for operational conditions of the launch vehicle, satellites, launch facilities, and tracking and control systems, as well as weather conditions. We now have gotten a go-ahead for loading the propellant, such as liquid oxygen and liquid hydrogen, into the launch vehicle. Propellant loading preparations are going to start.

August 03, 2013 13:37 JST

H-IIIB F4 to arrive at launch pad

H-IIIB F4 has arrived at the launch pad. The launch vehicle is going to be connected to the pad facilities.



< Click image to enlarge >

Snapshot of launch site



< Click image to enlarge >

H-IIIB F4 on the way to launch pad



< Click image to enlarge >

H-IIB F4 has arrived at launch pad



< Click image to enlarge >

H-IIB F4 has arrived at launch pad

August 03, 2013 13:03 JST

H-IIB F4 on the way to launch pad

H-IIB F4 carrying "KOUNOTORI4" has left for the launch pad. H-IIB F4, mounted on a mobile launcher, will travel approximately 500 meters from the Vehicle Assembly Building to the launch pad. This will take about 30 minutes.

August 03, 2013 09:35 JST

First Go/No Go Decision '-Go'

This is an updated launch countdown report on the "KOUNOTORI4" (HTV4) which will be launched using the H-IIB No. 4 Launch Vehicle (H-IIB F4). After the weather conditions checked out, the green light has been given for H-IIB F4 carrying "KOUNOTORI4" to leave the Vehicle Assembly Building for the launch pad. The scheduled launch time is Aug 4, 2013 04:48:46 JST.

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