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[MHI Launch Services Top](#) > [Launch Schedule/Record](#) > [Countdown Report](#) > Countdown Report for the "KOUNOTORI6" (HTV6) launch on H-IIB Launch Vehicle Flight No.6

[Launch Schedule/Record](#)[Launch Schedule](#)[Launch Record](#)[Countdown Report](#)**Recommendations**

- [Library](#)
- [Launch Vehicle Family](#)

[News](#)**Inquiries about  
H-IIA/H-IIB Launch Vehicles**

- [Satellite Operators and  
Satellite Manufacturers](#)
- [Other Customers](#)

## Countdown Report for the "KOUNOTORI6" (HTV6) launch on H-IIB Launch Vehicle Flight No.6

Final countdown status of H-IIB Flight F6 carrying "KOUNOTORI6" (HTV6) will be reported.

\* Please reload this page for the latest on the launch.

December 09, 2016 22:41 JST

### Separation of "KOUNOTORI 6" (HTV6) confirmed

The separation of "KOUNOTORI 6" (HTV6) has been confirmed.

December 09, 2016 22:26 JST

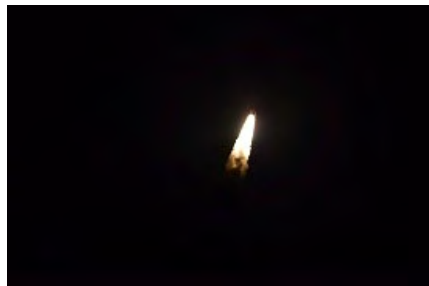
### Liftoff

Mitsubishi Heavy Industries (MHI) has launched the H-IIB Launch Vehicle No. 6 carrying "KOUNOTORI6" at 22:26 on Dec 9, 2016 JST from the Tanegashima Space Center.



< Click image to enlarge >

Liftoff of H-IIB F6 (1)



< Click image to enlarge >

Liftoff of H-IIB F6 (2)

December 09, 2016 22:22 JST

### Automatic countdown sequence to start

It is 4 minutes and 40 seconds before liftoff. The automatic countdown sequence has started.

December 09, 2016 21:56 JST

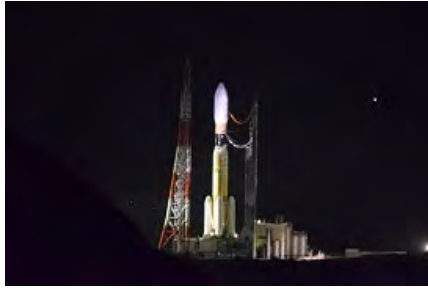
### X-30 minutes

It is 30 minutes before launch.

December 09, 2016 21:26 JST

### X-60 minutes

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



< Click image to enlarge >

H-IIB F6 - Final countdown operation has started

December 09, 2016 21:18 JST

### Third Go/No Go Decision

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

December 09, 2016 20:56 JST

### Attitude control system flight slew test completed

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

December 09, 2016 17:29 JST

### Radio frequency system checked up

The radio frequency system between H-IIB F6 and the ground stations has been checked up.

December 09, 2016 16:37 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 F6 - Both liquid hydrogen and liquid oxygen tanks fully loaded

December 09, 2016 15:09 JST

### Attitude control system flight slew test completed

By running programs of the guidance and control system mounted on H-IIB F6, it has been confirmed that all devices for flight attitude control are working as expected.

December 09, 2016 14:18 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.

December 09, 2016 12:30 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

December 09, 2016 11:34 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.

December 09, 2016 06:30 JST

### H-IIB F6 to arrive at launch pad

H-IIB F6 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-IIB F6 on the way to launch pad



< Click image to enlarge >

H-IIB F6 on the way to launch pad



< Click image to enlarge >

H-IIB F6 has arrived at launch pad

December 09, 2016 06:00 JST

### H-IIB F6 on the way to launch pad

H-IIB F6 carrying "KOUNOTORI6" has left for the launch pad. H-IIB F6, 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.

December 09, 2016 02:36 JST

### First Go/No Go Decision 'Go'

This is an updated launch countdown report on the "KOUNOTORI6" (HTV6) which will be launched using the H-IIB No. 6 Launch Vehicle (H-IIB F6). After the weather conditions checked out, the green light has been given for H-IIB F6 carrying "KOUNOTORI6" to leave the Vehicle Assembly Building for the launch pad. The scheduled launch time is Dec. 9, 2016 22:26:47 JST.

