



# MHI Launch Services

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## Countdown Report for the MICHIBIKI No.2 launch on H-IIA Launch Vehicle Flight No.34

Final countdown status of H-IIA Flight F34 carrying MICHIBIKI No.2 will be reported.

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

June 01, 2017 09:46 JST

### Separation of "MICHIBIKI No. 2" confirmed

The separation of "MICHIBIKI No. 2" has been confirmed.

June 01, 2017 09:17 JST

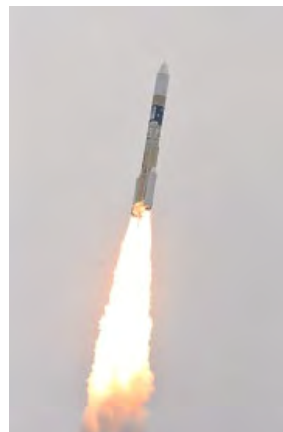
### Liftoff

Mitsubishi Heavy Industries (MHI) has launched the H-IIA Launch Vehicle No. 34 carrying "MICHIBIKI No. 2" at 9:17:46 a.m. on Jun. 1, 2017 JST from the Tanegashima Space Center.



< Click image to enlarge >

Liftoff of H-IIA F34 (1)



< Click image to enlarge >

Liftoff of H-IIA F34 (2)

June 01, 2017 09:13 JST

### Automatic countdown sequence to start

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

June 01, 2017 08:47 JST  
**X-30 minutes**

It is 30 minutes before launch.

June 01, 2017 08:17 JST  
**X-60 minutes**

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



< Click image to enlarge >

H-IIA F34 - Final countdown operation has started

June 01, 2017 08:10 JST  
**Third Go/No Go Decision**

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

June 01, 2017 07:54 JST  
**Attitude control system flight slew test completed**

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

June 01, 2017 04:35 JST  
**Radio frequency system checked up**

The radio frequency system between H-IIA F34 and the ground stations has been checked up.

June 01, 2017 03:52 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-IIA F34 - Both liquid hydrogen and liquid oxygen tanks fully loaded

June 01, 2017 02:33 JST

### Attitude control system flight slew test completed

By running programs of the guidance and control system mounted on H-IIA F34, it has been confirmed that all devices for flight attitude control are working as expected.

June 01, 2017 01:31 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.

May 31, 2017 23:30 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

May 31, 2017 23:03 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.

May 31, 2017 19:25 JST

### H-IIA F34 to arrive at launch pad

H-IIA F34 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-IIA F34 on the way to launch pad



< Click image to enlarge >

H-IIA F34 has arrived at launch pad

May 31, 2017 19:00 JST

### H-IIA F34 on the way to launch pad

H-IIA F34 carrying "MICHIBIKI No. 2" has left for the launch pad. H-IIA F34, 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.

May 31, 2017 12:55 JST

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

This is an updated launch countdown report on the "MICHIBIKI No. 2" (Quasi-Zenith Satellite System), which will be launched using the H-IIA No. 34 Launch Vehicle (H-IIA F34). After the weather conditions checked out, the green light has been given for H-IIA F34 carrying "MICHIBIKI No. 2" to leave the Vehicle Assembly Building for the launch pad. The scheduled launch time is Jun. 1, 2017 9:17:46 a.m. JST.

