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Countdown Report for the Advanced Land Observing Satellite-2 (ALOS-2) launch on H-IIA Launch Vehicle Flight No.24

Final countdown status of H-IIA Flight F24 carrying Advanced Land Observing Satellite-2 (ALOS-2) will be reported.

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



May 24, 2014 12:21 JST

Separation of "DAICHI-2" (ALOS-2) confirmed

The separation of "DAICHI-2" (ALOS-2) has been confirmed.



May 24, 2014 12:05 JST

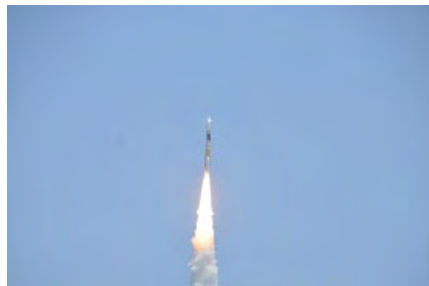
Liftoff

Mitsubishi Heavy Industries (MHI) has launched the H-IIA Launch Vehicle No. 24 carrying "DAICHI-2" at 12:05 on May 24, 2014 JST from the Tanegashima Space Center.



< Click image to enlarge >

Liftoff of H-IIA F24 (1)



< Click image to enlarge >

Liftoff of H-IIA F24 (2)



May 24, 2014 12:00 JST

Automatic countdown sequence to start

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



May 24, 2014 11:35 JST

X-30 minutes

It is 30 minutes before launch.

May 24, 2014 11:05 JST

X-60 minutes

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



< Click image to enlarge >

H-IIA F24 - Final countdown operation has started

May 24, 2014 10:55 JST

Third Go/No Go Decision

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

May 24, 2014 10:34 JST

Attitude control system flight slew test completed

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

May 24, 2014 07:00 JST

Radio frequency system checked up

The radio frequency system between H-IIA F24 and the ground stations has been checked up.

May 24, 2014 06:35 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 F24 - Both liquid hydrogen and liquid oxygen tanks fully loaded

May 24, 2014 05:28 JST

Attitude control system flight slew test completed

By running programs of the guidance and control system mounted on H-IIA F24, it has been confirmed that all devices for flight attitude control are working as expected.

May 24, 2014 04:41 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 24, 2014 02:33 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 24, 2014 02:23 JST

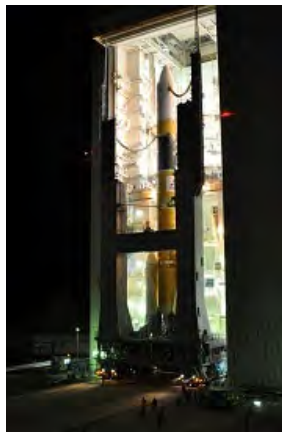
Second Go/No Go Decision -'Go'

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 23, 2014 23:26 JST

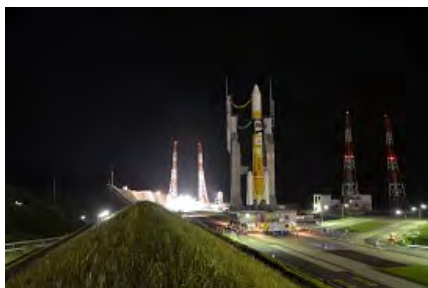
H-IIA F24 to arrive at launch pad

H-IIA F24 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 >



< Click image to enlarge >

H-IIA F24 has arrived at launch pad

May 23, 2014 23:00 JST

H-IIA F24 on the way to launch pad

H-IIA F24 carrying "DAICHI-2" has left for the launch pad. H-IIA F24, 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 23, 2014 19:35 JST

First Go/No Go Decision '-Go'

This is an updated launch countdown report on the Advanced Land Observing Satellite-2 "DAICHI-2" (ALOS-2) which will be launched using the H-IIA No. 24 Launch Vehicle (H-IIA F24). After the weather conditions checked out, the green light has been given for H-IIA F24 carrying "DAICHI-2" to leave the Vehicle Assembly Building for the launch pad. The scheduled launch time is May. 24, 2014 12:05:14 JST.

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