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Countdown Report for the Asteroid Explorer "Hayabusa2" launch on H-IIA Launch Vehicle Flight No.26

Final countdown status of H-IIA Flight F26 carrying Asteroid Explorer "Hayabusa2" will be reported.

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

December 03, 2014 15:09 JST
Separation of "Hayabusa2" confirmed

The separation of "Hayabusa2" has been confirmed.

December 03, 2014 13:22 JST
Liftoff

Mitsubishi Heavy Industries (MHI) has launched the H-IIA Launch Vehicle No. 26 carrying "Hayabusa2" at 13:22 on Dec. 3, 2014 JST from the Tanegashima Space Center.



< Click image to enlarge >

Liftoff of H-IIA F26 (1)



< Click image to enlarge >

Liftoff of H-IIA F26 (2)

December 03, 2014 13:17 JST
Automatic countdown sequence to start

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

December 03, 2014 12:52 JST
X-30 minutes

It is 30 minutes before launch.

December 03, 2014 12:22 JST
X-60 minutes

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



< Click image to enlarge >

H-IIA F26 - Final countdown operation has started

December 03, 2014 12:14 JST
Third Go/No Go Decision

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

December 03, 2014 11:49 JST
Attitude control system flight slew test completed

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

December 03, 2014 09:00 JST
Radio frequency system checked up

The radio frequency system between H-IIA F26 and the ground stations has been checked up.

December 03, 2014 08:13 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 F26 - Both liquid hydrogen and liquid oxygen tanks fully loaded

December 03, 2014 06:32 JST

Attitude control system flight slew test completed

By running programs of the guidance and control system mounted on H-IIA F26, it has been confirmed that all devices for flight attitude control are working as expected.

December 03, 2014 05:39 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 03, 2014 04:00 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 03, 2014 03:35 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 03, 2014 00:25 JST

H-IIA F26 to arrive at launch pad

H-IIA F26 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 F26 on the way to launch pad



< Click image to enlarge >

H-IIA F26 has arrived at launch pad

December 03, 2014 00:00 JST

H-IIA F26 on the way to launch pad

H-IIA F26 carrying "Hayabusa2" has left for the launch pad. H-IIA F26, 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 02, 2014 20:40 JST

First Go/No Go Decision '-Go'

This is an updated launch countdown report on the Asteroid Explorer "Hayabusa2" which will be launched using the H-IIA No. 26 Launch Vehicle (H-IIA F26). After the weather conditions checked out, the green light has been given for H-IIA F26 carrying "Hayabusa2" to leave the Vehicle Assembly Building for the launch pad. The scheduled launch time is Dec. 3, 2014 13:22:04 JST.

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