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Countdown Report for the Geostationary Meteorological Satellite (Himawari-8) launch on H-IIA Launch Vehicle Flight No.25

Final countdown status of H-IIA Flight F25 carrying Geostationary Meteorological Satellite (Himawari-8) will be reported.

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



October 07, 2014 14:44 JST
Separation of "Himawari-8" confirmed

The separation of "Himawari-8" has been confirmed.



October 07, 2014 14:16 JST
Liftoff

Mitsubishi Heavy Industries (MHI) has launched the H-IIA Launch Vehicle No. 25 carrying "Himawari-8" at 14:16 on Oct. 7, 2014 JST from the Tanegashima Space Center.



< Click image to enlarge >

Liftoff of H-IIA F25 (1)



< Click image to enlarge >

Liftoff of H-IIA F25 (2)



October 07, 2014 14:11 JST
Automatic countdown sequence to start

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



October 07, 2014 13:46 JST
X-30 minutes

It is 30 minutes before launch.

October 07, 2014 13:16 JST

X-60 minutes

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



< Click image to enlarge >

H-IIA F25 - Final countdown operation has started

October 07, 2014 13:10 JST

Third Go/No Go Decision

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

October 07, 2014 12:42 JST

Attitude control system flight slew test completed

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

October 07, 2014 11:21 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 F25 - Both liquid hydrogen and liquid oxygen tanks fully loaded

October 07, 2014 09:53 JST

Radio frequency system checked up

The radio frequency system between H-IIA F25 and the ground stations has been checked up.

October 07, 2014 07:47 JST

Attitude control system flight slew test completed

By running programs of the guidance and control system mounted on H-IIA F25, it has been confirmed that all devices for flight attitude control are working as expected.

October 07, 2014 06:56 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.

October 07, 2014 05:20 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

October 07, 2014 05:08 JST

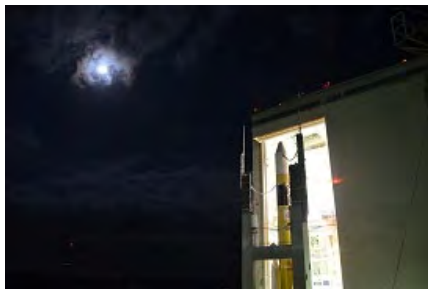
Second Go/No Go Decision -'Go'

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.

October 07, 2014 02:03 JST

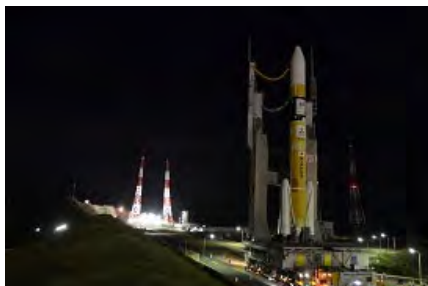
H-IIA F25 to arrive at launch pad

H-IIA F25 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 F25 on the way to launch pad



< Click image to enlarge >

H-IIA F25 has arrived at launch pad

October 07, 2014 01:30 JST

H-IIA F25 on the way to launch pad

H-IIA F25 carrying "Himawari-8" has left for the launch pad. H-IIA F25, 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.

October 06, 2014 22:05 JST

First Go/No Go Decision -'Go'

This is an updated launch countdown report on the geostationary meteorological satellite "Himawari-8" which will be launched using the H-IIA No. 25 Launch Vehicle (H-IIA F25). After the weather conditions checked out, the green light has been given for H-IIA F25 carrying "Himawari-8" to leave the Vehicle Assembly Building for the launch pad. The scheduled launch time is Oct. 7, 2014 14:16:00 JST.

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