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Final countdown status of H-IIA Flight F17 carrying AKATSUKI (PLANET-C) will be reported.

Countdown Report

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

May 21, 2010 07:25 JST

AKATSUKI (PLANET-C) separation

The separation of AKATSUKI (PLANET-C) was confirmed. An updated status of the AKATSUKI (PLANET-C) will be given on JAXA's website. This is the end of the Countdown Report. Thank you for visiting our website.

May 21, 2010 06:59 JST

X+1'00"

H-IIA F17 is flying smoothly.

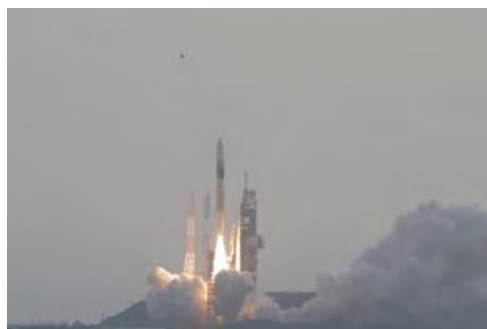
May 21, 2010 06:58 JST

Liftoff

The H-IIA Launch Vehicle No.17 carrying the Venus Climate Orbiter "AKATSUKI" lifted off at 6:58:22 JST on May 21, 2010 from the Tanegashima Space Center.



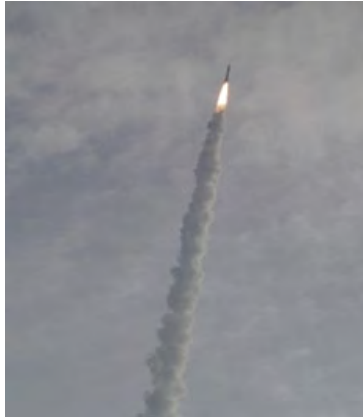
< Click image to enlarge >



< Click image to enlarge >



< Click image to enlarge >



< Click image to enlarge >

May 21, 2010 06:53 JST

Automatic countdown sequence start

Four and a half minutes to liftoff. The automatic countdown sequence has started.

May 21, 2010 06:28 JST

X-30 (=T-30) minutes

JAXA's live webcast will start soon. (See JAXA's website.)

We have 30 minutes to launch.

May 21, 2010 05:58 JST

X-60 (=T-60) minutes terminal countdown

The X-60 minutes terminal countdown operation has started. JAXA live launch webcast will start at 6:30 JST.

May 21, 2010 05:48 JST

Third Go/NoGo decision - "Go"

The green light was given for the X-60 minutes terminal countdown operation.

May 21, 2010 05:13 JST

Attitude control system flight slew test completed

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

May 21, 2010 02:10 JST

Radio frequency system checks completed

Checking of the radio frequency system between the launch vehicle and ground stations has been completed.

May 21, 2010 00:38 JST

First stage and second stage liquid oxygen and liquid hydrogen tanks fully loaded

It was confirmed that the first and second stage liquid oxygen and liquid hydrogen tanks have been fully loaded.



< Click image to enlarge >

May 20, 2010 23:23 JST

Attitude control system flight slew test completed

The attitude control system flight slew test has been completed.

May 20, 2010 22:40 JST

Access restriction to be imposed inside a 3000 meters radius from the launch pad

Access is restricted inside a 3000 meters radius from the launch pad.

May 20, 2010 21:40 JST

Pre-cooling operations started

Pre-cooling operations for the liquid hydrogen and oxygen loading systems have commenced.

May 20, 2010 21:00 JST

Terminal countdown operations started

Terminal countdown operations have started. Access is restricted inside a 400 meters radius from the launch pad.



< Click image to enlarge >



< Click image to enlarge >

May 20, 2010 20:34 JST

Second Go/NoGo Decision - "Go"

All aspects of the operation - the readiness of the launch vehicle, the spacecraft, the launch facility, the vehicle tracking and control system, and weather conditions - have been confirmed, and we are go for propellant loading operations. Preparation for the loading will start soon.

May 20, 2010 13:23 JST

H-IIA F17 arrives at the launch pad

H-IIA F17 arrives at the launch pad. Launch vehicle and pad facility connection operation starts.



< Click image to enlarge >



< Click image to enlarge >

May 20, 2010 13:00 JST

H-IIA F17 on the way to the launch pad

H-IIA F17 carrying AKATSUKI atop the second stage leaves for the launch pad. The launch vehicle, mounted on a mobile launcher, will travel approximately 500 meters from the VAB to the launch pad. This takes approximately 30 minutes.

May 20, 2010 09:55 JST

First Go/NoGo Decision - "Go"

This is an updated Launch Countdown Report on the Venus Climate Orbiter "AKATSUKI" (PLANET-C) which will be launched using the H-IIA Launch Vehicle No.17 (H-IIA F17). The weather conditions were checked and the green light given, for transportation of H-IIA F17 from the Vehicle Assembly Building (VAB) to the launch pad. The scheduled launch time of tomorrow May 21 is 6:58:22 JST.

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