



## H-IIA Launch Vehicle No. 14 for KIZUNA (WINDS) -Special Website-

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### Countdown Report

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

February 23, 2008 18:23 JST

#### KIZUNA (WINDS) separation

The separation of KIZUNA (WINDS) was confirmed.

An updated status of the KIZUNA (WINDS) will be given on [JAXA's website](#).

This is the end of the Countdown Report.

Thank you for visiting our website.

February 23, 2008 17:56 JST

#### X + 1'00"

H-IIA F14 is flying smoothly.

February 23, 2008 17:55 JST

#### Liftoff!

The H-IIA Launch Vehicle No.14 carrying the KIZUNA satellite lifted off at 17:55 JST on February 23, 2008 from the Tanegashima Space Center.

February 23, 2008 17:50 JST

#### Automatic countdown sequence start

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

February 23, 2008 17:45 JST

#### The launch time has been reset to 17:55 JST

The countdown operation is now held in five minutes.

So new launch time is set to 17:55 JST.

February 23, 2008 17:20 JST

#### X-30 (=T-30) minutes

We have 30 minutes to launch.

February 23, 2008 16:50 JST

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

The X-60 minutes terminal countdown operation has started.  
JAXA live launch webcast will start at 16:20 JST.

February 23, 2008 16:50 JST

### **Third Go/NoGo decision - "Go"**

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

February 23, 2008 16:41 JST

### **The launch time was rescheduled**

The H-IIA F14 launch time was changed again, because a boat went into the predetermined restricted area.

New launch time is 17:50 JST.

February 23, 2008 15:30 JST

### **The launch time has been changed**

Due to the expected severer ground wind than the constraint at the current launch time 16:20 JST, the H-IIA F14 launch time has been changed to 16:55 JST.

February 23, 2008 14:47 JST

### **Attitude control system flight slew test completed**

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

February 23, 2008 11:35 JST

### **Radio frequency system checks completed**

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

February 23, 2008 11:28 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.

February 23, 2008 9:25 JST

### **Attitude control system flight slew test completed**

The attitude control system flight slew test has been completed.

February 23, 2008 8:44 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.

February 23, 2008 7:40 JST



## Pre-cooling operations started

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

February 23, 2008 7:04 JST

## Terminal countdown operations started

Terminal countdown operations have started.

Access is restricted inside a 400 meters radius from the launch pad.

February 23, 2008 6:37 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.

February 23, 2008 4:00 JST

## H-IIA F14 arrives at the launch pad

H-IIA F14 arrives at the launch pad.

Launch vehicle and pad facility connection operation starts.

February 23, 2008 3:30 JST

## H-IIA F14 on the way to the launch pad

H-IIA F14 carrying KIZUNA 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.

February 23, 2008 0:30 JST

## First Go/NoGo Decision - "Go"

This is an updated Launch Countdown Report on KIZUNA (WINDS) which will be launched using the H-IIA Launch Vehicle No.14 (H-IIA F14).

The weather conditions were checked and the green light given, for transportation of H-IIA F14 from the Vehicle Assembly Building (VAB) to the launch pad.

The scheduled launch window of today February 23 is from 16:20 to 17:55 JST.



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