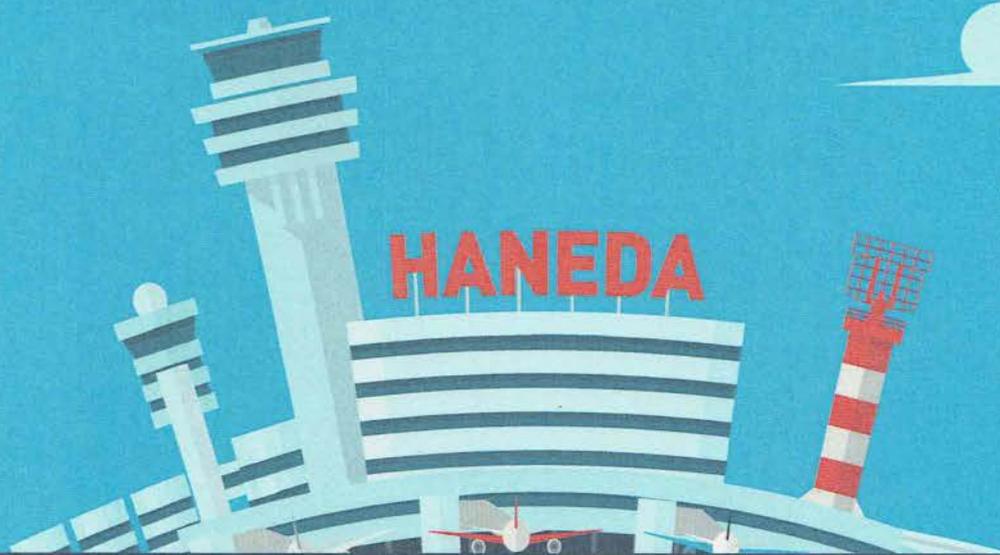




HANEDA AIRPORT FOR TOMORROW

We will increase the number of international flights at Tokyo International Airport (Haneda) by starting operations on new flight routes from 29 March 2020.

Having long been supporting the growth of Japan, the ever-evolving Haneda Airport is now called for a prominent role to strengthen its function as a gateway to Japan in the context of rapid globalization. In reality, however, Haneda Airport is operating at its full capacity and there will be no room to increase the number of flights as it now stands. Therefore, we have thoroughly studied and searched for a wide range of measures to bring about breakthrough. As a result, it became apparent that we could increase the number of flights through reviewing the runway operation and the flight routes. In view of this, we started to hold a series of explanatory meetings since 2015 to carefully hear the opinions of many local residents on the new flight routes and we have conducted a great deal of consideration on additional measures. While we take appropriate measures against noise and falling objects, and continue to carefully provide pertinent information, we have decided to start operation on the new flight routes from 29 March 2020 to increase the number of international flights.



国土交通省

Ministry of Land, Infrastructure and Transport

# Haneda Airport will become more convenient through increasing the number of international flights

International flights will be increased in number by about 50 per day thanks to the start of operation on the new flight routes.

Present international flights during daytime are 80 per day 14 countries and regions (23 cities) are being served by flights from Haneda Airport\*

United States, Canada, France, UK, Germany, Korea, China, Hong Kong, Taiwan, Thailand, Singapore, Philippines, Vietnam, Indonesia

\* Flights as at 2019 Summer schedule

International flights will be increased by about 50 per day Countries and regions to be newly served during daytime on top of the above

Russia, Australia, India, Italy, Turkey, Finland, Scandinavia  
Further, flights for US and China will be increased by 24 and 8 respectively



## What's the benefit for you of increasing number of international flights?

Increasing international flights at Haneda Airport will widen the range of business and travel, thereby energizing not only the metropolitan area but also the whole country. It is expected to attain annual economic ripple effect of approx. 650.3 billion yen and increase employment by approx. 47,000 through activating the flow of people and goods.



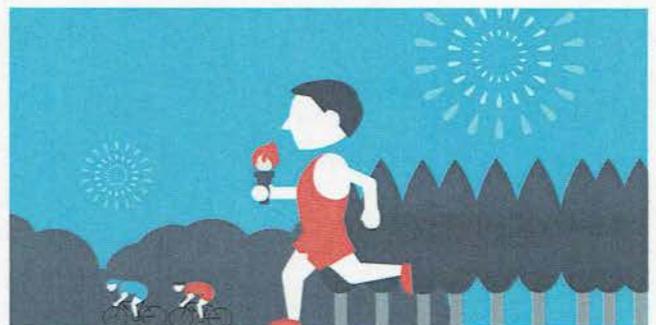
Leveraging the strengths of the location of Haneda Airport close to the city center, the international competitiveness of the Tokyo metropolitan area will be enhanced through creating a good business environment



Local regions in Japan will be activated by connecting the domestic aviation network extending from Haneda Airport with international flights



Domestic consumption will be vitalized by a lot more foreign tourists



Smoother access to Tokyo from overseas will help successfully hold the Tokyo Olympic and Paralympic Games

# What are the new flight routes and operation hours?

We operate flights on different flight routes to and from Haneda Airport depending on the direction of the wind. We will operate flights on new flight routes only during the time zones with high demand for international flights and we continue to operate flights on the same flight routes as before except the above time zones.

## South wind operation

Percentage of south wind operation is approx. 40% (annual average)

### New flight routes

Operation time in a south wind is approx. 3 hours during the period from 15:00 to 19:00



3 hours during the periods

運用時間
0:00
1:00
2:00
3:00
4:00
5:00
6:00
7:00
8:00
9:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
20:00
21:00
22:00
23:00

\* Fly over Tokyo Bay from 23:00 to 06:00

During the daytime zone from 06:00 to 23:00 excluding the time zone from 15:00 to 19:00

### The same flight routes as before



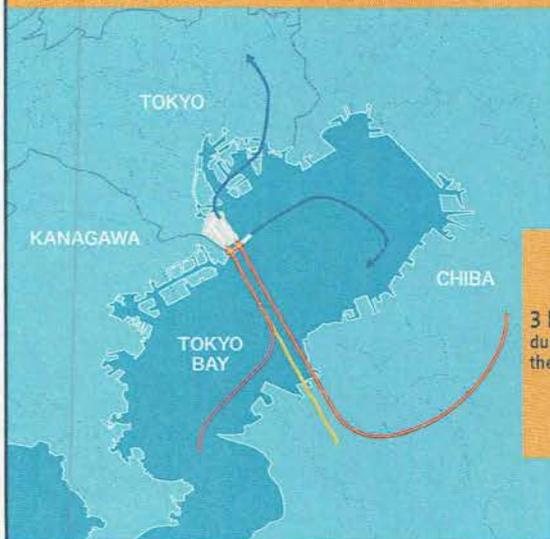
← Arrival routes in fine weather   ← Arrival routes in bad weather   ← Departure routes  
Flight routes at an altitude less than approx. 6,000ft (1,800m) are shown here

## North wind operation

Percentage of north wind operation is approx. 60% (annual average)

### New flight routes

Operation time in a north wind is approx. 3 hours during the periods from 07:00 to 11:30 and from 15:00 to 19:00



3 hours during the periods

運用時間
0:00
1:00
2:00
3:00
4:00
5:00
6:00
7:00
8:00
9:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
20:00
21:00
22:00
23:00

\* Fly over Tokyo Bay from 23:00 to 06:00

During the daytime zone from 06:00 to 23:00 excluding the foregoing time zones from 07:00 to 11:30 and from 15:00 to 19:00

### The same flight routes as before



← Arrival routes in fine weather   ← Arrival routes in bad weather   ← Departure routes  
Flight routes at an altitude less than approx. 6,000ft (1,800m) are shown here

# We will be thorough on measures against noise and falling objects honoring your opinion.

## Measures against noise

We will take measures to minimize the environmental impacts as much as possible.



### Set operation time limits of new flight routes

The operation time of new flight routes will be limited to the time zones with high demand for international flights.



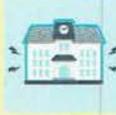
### Descend at a higher altitude for landing

The altitude of new arrival routes in good weather with a south wind will be increased by approx. 2,000ft (600m) at a maximum to mitigate the noise.



### Landing with an increased descent angle

Flight altitude will be increased by increasing the descent angle of new flight routes in good weather with a south wind from 3° to 3.5° as much as possible.



### Grant subsidy to facilities fulfilling conditions for noise insulation work

Areas subject to subsidization scheme for educational facilities have been expanded as well as the addition of small childcare facilities to the subject facilities.



### Add the noise factor to the landing fee structure

Noise factor of aircraft have been included in the landing fee structure for international flights in combination with the weight of aircraft so that we can promote the introduction of low noise aircraft.



### Move the landing point to increase the flight altitude before landing

The flight altitude before landing will be increased by approx. 20m by moving the landing point of new arrival routes in a south wind operation to the south side.



### Restrict aircraft taking off toward west

Operation of international flights exceeding a certain flight distance and large aircraft with four engines will be restricted to mitigate the noise.



### Install noise measurement stations and publish the results

Total of 32-noise measurement stations including the additional around-the-clock 16 stations will measure the noise level and the results will be published in a dedicated website.

## Measures against falling objects

Ministry of Land, Infrastructure, Transport and Tourism will take actions through establishing detailed measures in the "Comprehensive Package for Falling Objects Countermeasures" incorporating the following measures.



### Obligate the measures against falling objects

We obligate all airlines in service to Japan to take measures in accordance with the standards unique in the world.



### Gather information on falling objects from airport offices across the country

We will reconfirm the resolve of airport offices across the country to report information on falling objects. We also ask for the cooperation of police.



### Strengthen the analysis of cause of falling objects

We will strengthen the analysis of the occurring status of falling objects by investigating the adhesion condition of ice blocks in detail and utilizing the data of collision experiments of ice blocks and parts.



### Have enhanced compensation scheme for victims of falling objects

We have obligated airlines to join the relief system and also enhanced the compensation scheme such as a consolation payment by airport operators.



### Conduct a surprise inspection of aircraft while parking

We will establish a new inspection system by airport administrators including a surprise inspection and strengthen inspections of foreign aircraft.



### Have enhanced the reporting system of missing parts by airlines

We have enhanced the reporting system by airlines either domestic or overseas in case that any missing parts of aircraft are found out.



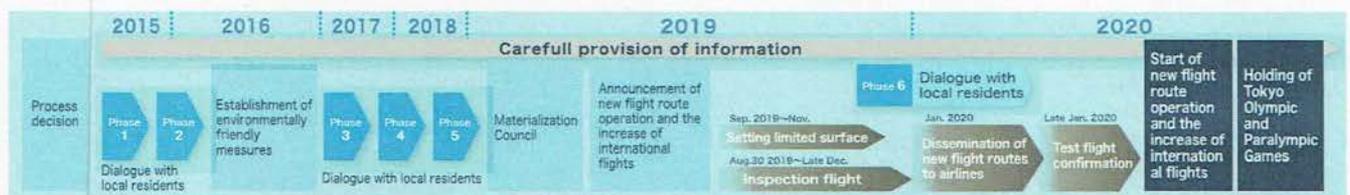
### Take administrative measures to airlines responsible for falling objects

We will take administrative measures to airlines either domestic or overseas which are responsible for falling objects.



## Past efforts and future schedule

We have been promoting the study how to increase the number of international flights incorporating opinions of local residents delivered at a series of explanatory meetings. From now on, we will proceed with various procedures towards the start of operation of new flight routes to increase the number of international flights on 29 March 2020.



### Inquiry desk

Inquiry desk: Dedicated website is prepared in the homepage of Ministry of Land, Infrastructure, Transport and Tourism.

羽田空港のこれから Search

<http://www.mit.go.jp/koku/haneda/>  
Note: Website is Japanese only



### Inquiries by phone

Phone assistance service:

**0570-001-160**

Reception hours: 9:30~19:00 on weekdays excluding the period from 30 December to 3 January

From IP phone:

**03-5908-2420**

Note: Inquiries only in Japanese available