## KIX-ITAMI UPDATE

Issue 23 February 2018

## News on the flight network at KIX

# Jetstar Asia Airways to launch Japan's first direct service to Clark KIX offers 41 weekly flights to Philippines

From March 27, 2018, Singapore-based low-cost airline, Jetstar Asia Airways, will launch three non-stop flights per week between KIX and Clark International Airport in the Pampanga province of the Philippines. This is the first time Japan and Clark International Airport will be connected by a scheduled flight, marking the third Philippine destination serving from KIX along with Manila and Cebu.

Inbound travelers from the Philippines to Japan recorded the highest number in 2017 at 424,000 (data published by JATA, January 16, 2018). With increasing air-traffic passenger flow in the Philippines, the demand is growing rapidly in Clark - located in the suburbs of Manila, the capital. There are plans to set up new infrastructure in the Clark Special Economic Zone with new rail lines and hotels scheduled to be constructed in the coming years.

With the addition of this new service, KIX is expected to offer 41 flights per week (Manila: 31\*; Cebu: 7\*; Clark: 3) to the Philippines, allowing for more travel options to South-East Asia, where flights are already increasing.

\* Based on 2017 Winter Schedule, including connecting flights





Pictured by Jetstar Asia Airways

#### Lufthansa Cargo Relaunched Kansai-Frankfurt Direct Flight

### Resumed Service after 4 Years to Expand Long-haul Cargo Routes

From 18<sup>th</sup> January, 2018, Lufthansa Cargo (LH), relaunched its direct flights between KIX and Frankfurt. Lufthansa Cargo resumed its service at Kansai International Airport for the first time in about 4 years after March 2014. This route is the only direct freighter flight to and from Frankfurt and operated two flights per week.

Check our movie (Facebook) ↓ https://www.facebook.com/KansaiInternationalAir

port/videos/vb.216793798343922/166183078717 3542/?type=2&theater



Pictured by Lufthansa Cargo



**AIRPORTS** 

# ITAMI Transformation: Pre-opening After Renovations!

New Shops and Restaurants Unveiled!

Kansai Airports is pleased to announce the preopening of the central and rooftop areas of Osaka International Airport (ITAMI) on Wednesday, April 18, 2018. The airport is currently going through major renovations, and this pre-opening comes ahead of the grand re-opening of the airport scheduled for the year 2020.

ITAMI has never seen renovations of this scale for nearly half a century. This spring, ITAMI will transform into a destination in and of itself for the neighboring residents and airport guests, flying or visiting.

The central commercial area will be completely renovated and a total of 30 new shops and restaurants will open, many only available in ITAMI. Here, you will enjoy shopping for merchandise or savoring food unique to Osaka and Kansai.

The rooftop will be filled with attractions for you to enjoy while watching airplanes landing and taking off. Come have fun with your children at a kids' play space or enjoy what's going on in the event area with your family. We aspire to become a landmark to bring fun to everyone in the community.

Furthermore, arrival gates, previously separated into two north and south locations on Level 1, will be consolidated into the central area on Level 2, enabling seamless transfer to ground transportation such as a monorail or bus.



Level 2 central restaurant zone



Observation deck



Exterior of terminal building



Level 2 central arrival area





Osaka Airport Winery
First in World, First in Airport!

For more details, please kindly find the following site.

http://www.kansaiairports.co.jp/en/news/2017/452/E\_180130Releas e\_ITAMICentralArea.pdf

## KIX's First Arrival Duty-free Shops Open!

Duty-free shops will open in the international arrival areas of Terminals 1 and 2 at Kansai International Airport (KIX) in spring 2018.

These will be the first duty-free shops located in the international arrival areas at KIX. After the opening, arriving passengers can buy goods exempt from duties and taxes.

The introduction of arrival duty-free shops will surely make passengers' airport experiences more pleasant. Japanese travelers will no longer need to carry duty-free items abroad, and foreign travelers will be provided more shopping opportunities.

Kansai Airports will continue making the shopping areas more exciting and attractive to provide a comfortable and pleasant travel experience for our customers.

Overview

Store name (tentative): Arrival Duty Free Shop

Operator: ANA Trading Duty Free Co., Ltd.

Expected opening: Spring 2018

Surface: Approx. 95 m

#### Trial Test of Moving Check -in Kiosk KATE

Kansai Airports conducted a trial test of self-service kiosk KATE in KIX that will move to help passenger's check-in, the first of its kind in Asian airports. KATE is an automated check-in robotic kiosk that has been developed and undergoing demonstration tests by SITA, a company specializing in aviation data communication technology.

The cordless kiosk uses preinstalled application software to store geolocation data, and its built-in battery enables its movement to congested checkin counters. Wirelessly interacting with airlines' check-in systems, it can deliver the same services as those of conventional automated kiosks fixed on the floor. Furthermore, more flexible check-in assistance according to the situation would be available by pre-programing on the machine, based on operations information such as flight information and passenger flow. Introducing this smart kiosk would lead to reduce waiting time and stress for passengers.

Equipped with collision avoidance technology enabling it to move around check-in counters safely, this maintenance-free kiosk can also automatically return to its docking station when its battery is getting low.

Sumesh Patel, President of Asia Pacific at SITA, made the following statement: "Japan has always been a forerunner in robotic innovations and intelligent technology. It is no surprise that Kansai Airports is leading the industry with the trial of SITA's intelligent check-in kiosk, KATE. SITA has been the technology partner of Kansai Airports for

✓ VANCAI

Page 3

the past three years, and we are thrilled to be partnering with the airport to introduce intelligent machines to improve the passenger experience. KATE uses various data sources, including flight and passenger flow information, to identify where additional check-in kiosks are required to reduce passenger queue times at check-in. SITA will work with Kansai Airports to evaluate how this new technology is able to provide an even better traveler experience at the airport."

Kansai Airports will continue to actively adopt cutting-edge technology and improve convenience at the airports, delivering a comfortable and pleasant travel experience to its customers.

"Fast Travel" is IATA/ACI's recommended initiatives that aim to provide travelers with efficient services through smooth check-in and other procedures.





- O Period: February 5 to 28, 2018
- O Number of kiosks deployed: 2 units
- O Participating airlines: Air France, Air China, Cathay Pacific Airways, Japan Airlines,

Korean Air, KLM Royal Dutch Airlines, All Nippon Airways, Asiana Airlines, and United Airlines

## Trial of leading-edge cleaning robots at KIX

Trial operation of two state-of-the-art cleaning robots was done at KIX.

By utilizing the ever-advancing robot technology, we aim at providing more comfort to our guests at the airport while increasing our services by effectively using staff resources.

The robotic cleaners enable automated cleaning in the terminals using pre-registered map information and collected operational data. They also have a collision avoidance function that allows for safe navigation.

In addition to the above, we are planning to test more products of different manufacturers with an aim to choose the best one for full-scale operation based on a holistic assessment of safety, efficiency and other aspects.

Outline of trial operation [Cleaning robot]

① CxS Corporation "TASKI swingobot2000"



Overview of trial test



- -First device to be adopted in Japan
- -Storage of cleaning area data enabling accurate repetitive cleaning
- -Highly efficient cleaning ability with long operating time
- -Size: 900 imes 1350 imes 1280  ${ imes}$  Weight: 376kg

#### ② Amano "Clean Burny SE-500iX II



- -Allows the user to teach the cleaning pattern and repeats it with smooth and quick movement
- -Enables collision avoidance using sensors
- -Size: 650 imes 1408 imes 960 mm Weight: 310kg

#### Trial period:

- (1) TASKI swingobot2000 beginning January 29 until February 6
- (2) Clean Burny SE-500iX II beginning January 29 until February 9
- □ Number of robots: 2 units (one for each type)
- ☐ Area:
- (1) TASKI swingobot2000:

Public area, Terminal 2 (Domestic) at KIX

(2) Amano "Clean Burny SE-500iX II" : Public/gate areas, Terminal 2 at KIX

### MONTHLY THROUGHPUT (December, 2017)

#### KIX (Kansai International Airport)

#### **Number of Passengers & Aircraft Movements**

Total international and domestic passengers reached 2.4million passengers (a 17% increase over the previous year). The number of passengers with international flights was 1.8million among them the number of foreign passengers was 1.3 million. KIX achieved total aircraft movements of 16,304 (a 9% increase over the previous year). In addition, the number of aircraft movements in international flights reached 12,171.

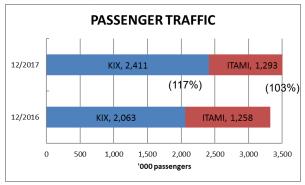
#### **Volume of Cargo**

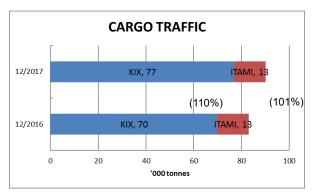
77,647t (a 10% increase over the previous year)

#### ITAMI (Osaka International Airport)

#### **Number of Passengers**

1.3 million passengers (a 3% increase over the previous year).





**Shaping a New Journey** 



\*\*\*\* Photos of the Month \*\*\*\*

2 islands are located near KIX!

#### 1. Awajishima island (Hyogo Prefecture)

This island is famous for "Onion". Hyogo Prefecture is the third largest producer of onion in Japan and 95 of them are produced in Awajishima Island.





You can find above photogenic places at Minami-Awaji City. From KIX, take high-speed boat to Sumoto (Awajishima Island). Take a bus to Sumoto IC and change for Fukura. If you are not preferring to take a boat, please take a limousine bus to Sumoto IC and change for the local bus to Fukura. In total, it takes 3-4 hours from KIX.

#### 2. Tomogashima Island (Wakayama Prefecture)

You can enjoy tasting the atmosphere of the world "LAPUTA-Castle in the sky-" filmed by Hayao MIYAZAKI in Wakayama.

Desert Islands, "Tomogashima Islands" is the name for the chain of islands including Jinoshima, Torajima, Kamijima and Okinoshima. Okinoshima is dotted with fortress ruins that commemorate its time as a military stronghold.











From KIX, take Nankai Airport Line train to Izumisano, transfer to Nankai Line and get off at Wakayama-shi, and then transfer to Nankai Kada Line and get off at Kada. Boat to Tomogashima Island departs from Kada Port, 15-min.-walk from Kada station. In total, it takes 2 to 3 hours from KIX.

For further inquiries

Tel: +81-72-455-2093 Fax: +81-72-455-2043

e-mail: kix@kansai-airports.co.jp

Official website

WEB [KIX]

http://www.kansai-airport.or.jp/en/

[ITAMI]

http://osaka-airport.co.jp/en/

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