

April 3, 2023  
Peach Aviation Limited

## **First Attempt in the Kansai Area! Demonstration Test of GSE Remote Operation at Terminal 2 Begins!**

**-The introduction of remote operation aims to address understaffing  
and contribute to decarbonization-**

- **Demonstration period: April 3 (Mon.) - April 13 (Thu.)**
- **Remote control of vehicles from the office using Panasonic HD's "X-Area Remote"**
- **Achieving decarbonization through the introduction of EV vehicles**
- **Future goal is to enhance customer service by reducing checked baggage transport time**

**Osaka 3 April, 2023** - Peach Aviation Limited (Representative Director and CEO: Kazunari Ohashi), in cooperation with Panasonic Holdings Corporation (President and Group CEO: Yuki Kusumi, hereinafter "Panasonic HD"), Nagase & Co., Ltd. (President and CEO: Hiroyuki Ueshima, hereinafter "Nagase"), and Kansai Airports (President and CEO: Yoshiyuki Yamaya) will start a demonstration experiment on remote control of GSE today.



This is the first experimental effort at an airport in the Kansai area to prove the practicality of remotely controlled vehicle operation in a ramp area. An operator remotely operates the towing vehicle "Tracteasy" (owned by Nagase) from the Peach office in Aeroplaza (Kansai International Airport) using the remote-control system "X-Area Remote" developed by Panasonic HD to transport COMBO\*2 from the GSE\*1 yard to the side of the aircraft. The goal is to use remotely operated vehicles to transport checked baggage in the future. The introduction of these vehicles will address the problem of understaffing in ground operations due to the impact of the coronavirus pandemic and a declining population, and enhance customer service by reducing waiting times for the transport and return of checked baggage. The introduction of EV vehicles will also enable Peach to decarbonize its operations.

\*1 Abbreviation for Ground Support Equipment, a generic term for aircraft ground support equipment. The towing vehicle is also one of the GSEs.

\*2 A non-self-propelled vehicle capable of supplying both power and air conditioning to an aircraft simultaneously.

In order to respond to the full-fledged recovery of domestic and international travel demand and the increase in passenger volume in preparation for the Osaka-Kansai Expo to be held in 2025, Peach will work to create a system that eliminates waste and reduces environmental impact in all its operations in collaboration and cooperation with various partners, including group companies, contractors, and business associates.

<Remote-control vehicle>



The system is equipped with a device that uses LIDAR sensors outside the vehicle to safely stop the vehicle even during remote operation, based on information about the driving area captured in the system beforehand.



<Remote-control equipment>



The driver can safely operate the vehicle using the steering wheel and pedals while viewing images of the vehicle's surroundings projected on the screen and AI-based object detection information.

<Remote control system "X-Area Remote">

Peach Office at Aero plaza



Public mobile line  
(4G/5G)



Terminal 2 ramp area



The "X-Area Remote" control system developed by Panasonic HD will be used to control travel within the ramp area of Terminal 2 using public mobile lines (4G/5G) from terminals installed in Peach's Aero plaza office.

Panasonic HD's "X-Area" mobility service platform

<https://holdings.panasonic.jp/corporate/mobility/x-area.html>

\*X-Area (Cross Area) is a registered trademark of Panasonic Holdings Co.

<Vehicle driving area>

In the vehicular traffic zone and apron on the Terminal 2 side (areas marked in yellow and blue)



**About Peach (www.flypeach.com)**

Peach started operating as Japan's first low-cost carrier on March 1, 2012. With seven base airports at New-Chitose, Sendai, Narita, Chubu, Kansai, Fukuoka, and Naha, Peach currently operates 28 domestic routes and 19 international routes. Going forward, Peach's goal is to support the comings and goings of people as a convenient means of air travel, contribute to the revitalization of local communities, and become an airline that they will enjoy and grow to love.

Peach!!<sup>th</sup> Anniversary