

The JITI Journal

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Welcome

The JITI Journal is a bimonthly publication of the Japan International Transport Institute, USA (JITI), in which JITI shares information on transportation developments in Japan and elsewhere, as well as recent JITI programs. As a supplement to our regular events, we hope that the Journal likewise serves as a resource for the transportation community.

We hope this issue finds you well.

In this issue, JITI staff member Shinichi Yamada presents an article the various methods the Japanese government and the aviation industry are working on to mitigate the future pilot shortage in Japan, as well as some information on the Civil Aviation College. Additionally, JITI staff member Mamiko Oman writes a short article on Naoshima Island a small island located in the Seto Inland Sea which is known for it's modern art and architecture and is sometimes referred to as an 'art island'.

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Upcoming Events

Currently JITI does not have any upcoming events planned, but please check our website [here](#) for more updates.

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On May 18th, JITI hosted a seminar at the Willard Hotel. Considering the dramatically increasing air traffic volume and the expectation that air traffic will steadily increase in the future, JITI invited officials from Japan, the U.S., and Europe who had been involved in the development of future air traffic systems, as well as academic experts, and airline industry specialists. The speakers discussed the current situation of each program, mutual cooperation between the programs, and the challenges inherent in future development and deployment of the systems. Click [here](#) for overview, presentation materials, and bios of the keynote speakers.

[JITI 2017 Aviation Workshop Carbon Offsetting and Reduction Scheme for International Aviation](#)



On January 27th, JITI hosted a workshop at the Hay Adams hotel, prior to the introduction of the GMBM. JITI invited an ICAO professional and Japanese and U.S. airline representatives, to discuss the content of the GMBM, the discussion leading up to it, the direction and design of the detailed system for the future, airline response, impact on users, and how to obtain the participation of States during the voluntary phase. Click [here](#) for an overview, presentation materials, and bios of the keynote speakers.

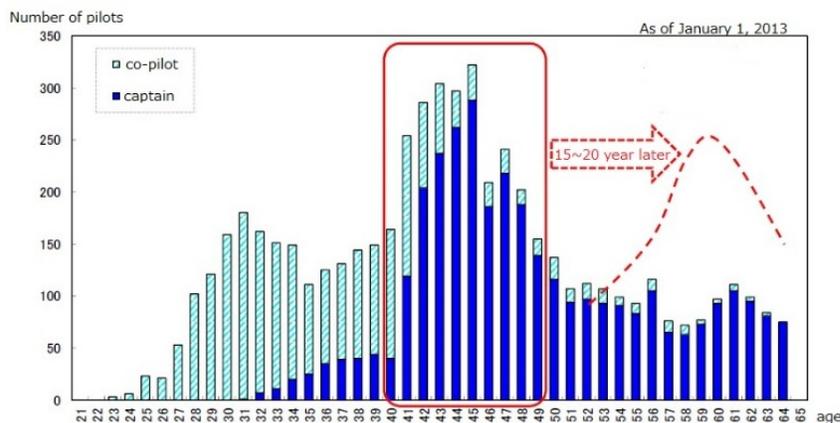
Let's Become Airline Pilots In Japan

Do you know the "Civil Aviation College (CAC)" in Japan? The CAC is a pilot training school, established in 1954, and about 40% of Japanese airline pilots are graduates. Last year, the Japanese Government decided to increase the capacity of the CAC for the first time in 20 years. The capacity will increase from 72 students to 108 students in 2018.



The CAC was originally managed by the government directly. In 2001, it became an independent administrative agency, and the government no longer manages it directly. However, the government still issues about 60% of the operating budget for the CAC. The rest of the budget is funded by grants from airlines.

A future pilot shortage is predicted for Japanese airlines, due to the increase in aviation demand including: international flights, the expansion of LCC business, and the future massive retirement of Gen Xers (around 40 years old), who currently form the primary workforce in Japan. In addition, because the Japanese government aims to double the current target for foreign tourists to 40 million by 2020, based on the "Tourism Vision to Support the Future of Japan" (which was established in March 2016), the pilot shortage is a very important problem to be solved.

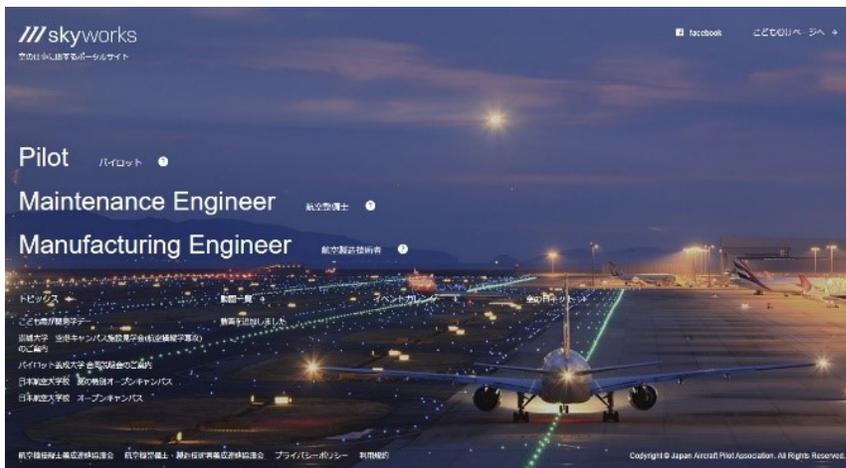


Government and aviation stakeholders (such as airlines, pilot training organizations, the aviation industry, etc.) have been working together to solve this problem for many years. The increase of CAC student capacity is one of the achievements. There are various measures that are being worked on, in addition to the CAC capacity increase. Some of the measures are as follows:

(1) Mitigation of flight history requirement for residency status requirements

- Lowered from more than 1000 hours to more than 250 hours
- There are about 400 foreign pilots in Japan. The amended requirements make it easier for foreign pilots to work in Japan. In general, those who obtained a commercial pilot license in a foreign country fulfill the new requirement.

(2) Launch of the website "Skyworks"



(<http://www.skyworks.info> Japanese only)

- In order to expand the supply of young pilots, aviation stakeholders launched this website that shows the appeal of aviation related jobs such as pilot, maintenance engineer, manufacturing engineer, etc. This website also provides information related on how to get these jobs, the career path for these jobs, as well as event information, etc.

(3) Raising the retirement age for airline pilots engaged in domestic flights from 65 to 68

- In order to utilize active pilots effectively, airlines have improved health management of their pilots. The retirement age for an airline pilot is 65 years old internationally, and this regulation was the original standard in Japan.

(4) Establishment of new interest-free loans for private university students aiming to become pilots (under consideration)

- To reduce the burden of expensive tuition fees for private universities, new interest-free loans are being discussed. There are six universities which have courses to become a pilot: J.F. Oberlin University, Tokai University, Hosei University, Sojo University, the Chiba Institute of Science, and Daiichi Institute of Technology. Among these schools, J.F. Oberlin University students and Tokai University students practice their flight skills in the U.S.A.

Art Island

by Mamiko Oman



She Likes Red Pumpkin by [saitowitz](#) is licensed under [CC BY-SA 2.0](#)

I was first introduced to Yayoi Kusama's work as I got off a ferry traveling through the Seto Inland Sea to Naoshima Island. A friend had excitedly explained that if we were willing to make the trek, we would be rewarded with an unusual experience. We could witness modern art consuming the landscape of a once lonely island. Naturally, I was intrigued. As my legs adjusted from the swaying motion of the ferry to the sturdiness of earth, I looked up and came face-to-face with a colossal, red, polka-dot pumpkin. It was an instant visual salutation- "Welcome to Art Island. Please stay awhile."



Man Reading Paper by [Niki de Saint Phalle](#) by [Laurent de Walick](#) is licensed under [CC BY 2.0](#)

Naoshima was at one time a remote fishing village, but with the population aging and many younger people moving away to the cities, the town turned to artists to help create interest and bring in revenue. In addition to 3 major art museums, there are contemporary sculptures scattered throughout the island, as well as the Art House Project. Abandoned houses and buildings in residential neighborhoods have been converted into works of art themselves. Perhaps the most interactive of these is "I ♥Yu", an old bathhouse whose name plays on the Japanese word for hot water, and where you can literally soak in a piece of art.



I ♥Yu - [P9255081](#) by [mrec0](#) is licensed under [CC BY 2.0](#)

I would highly recommend visiting Naoshima if you get a chance to visit Japan. However, you may have a rare opportunity to get a glimpse of Naoshima in the USA as well. Kusama's artwork is currently on tour around North America, and was just recently at the Hirshhorn Museum. I was lucky enough to get a ticket, and eagerly approached the museum hoping to recreate the thrill I felt when getting off that ferry. On the grounds of the museum I saw another polka-dot pumpkin. This one was smaller and yellow, but it welcomed me still the same. "Yes," I thought, "I think I'll stay awhile."



[The Coolest #Pumpkin There Ever Was](#) by [designmilk](#) is licensed under [CC BY-SA 2.0](#)

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Please follow the Japan International Transport Institute Twitter feed at [@JITIUSA](#) or check back with our website to get the latest information on workshops and seminars.

Thank you for reading the JITI Journal. Until the next issue, whatever your mode, travel safely!

The JITI Team