

令和6年11月18日
航空局国際航空課

シンガポール航空局との第3回政策対話を実施 ～航空政策の重点分野における連携強化を進めます～

国土交通省では、航空政策の重点分野における日本・シンガポール両国の航空当局間の協力を更に進めるため、大阪において、同国航空局との3回目の政策対話を実施しました。

- 日 時：令和6年11月14日（木）・15日（金）
- 出席者：（日本側）大沼俊之 航空局航空政策戦略監 ほか
（シンガポール側）ハン・コク・ジュアン（Han Kok Juan）航空局長 ほか
- 内 容：令和4年12月に締結した協力覚書において連携を強化することとした事項（航空安全、航空交通管理、航空の持続可能性、次世代航空モビリティ等）について、両国における取組の進捗を確認するとともに、主に以下の内容を取り扱いました。

① 航空安全

乱気流対策や安全管理、規制側とサービス提供側との役割分担について、双方より好事例を紹介し、航空分野の安全文化を醸成するべく相互支援の協力関係を深化させました。

また、1月に羽田空港で発生した航空機衝突事故を踏まえ、滑走路誤進入対策について情報共有・意見交換を実施しました。



② 航空交通管理

環境に優しい航空交通管理（グリーンATM運用）について、CO2排出量及び燃料消費量削減のため、航空機運航者が既存の経路に関わらず自由に効率的な飛行を可能とする空域を拡大することに合意しました。また、航空機の運航データの分析や、環境に関する新たな指標を開発し、より効率的な航空機運航の改善を追求していくことに合意しました。



③ その他の事項

持続可能な航空に向けたSAF（持続可能な航空燃料）の製造や認証に関する取組、空港の生産性向上に資する自動運転技術、空飛ぶクルマのプロジェクト等について意見交換を実施しました。

その他、我が国の空港における自動化技術の導入状況や気候変動対策に係る取組、航空管制等に携わる人材育成の現場等を紹介するため、伊丹空港・関西国際空港及び航空保安大学校においてテクニカルツアーを実施しました。

今後も、この政策対話を継続し、両国の航空当局間での協力関係を深めてまいります。

なお、両国の航空当局による共同リリース（英語）については、別紙をご参照ください。

【問合せ先】航空局 航空ネットワーク部 国際航空課 TEL：03-5253-8111

MEDIA RELEASE

18 November 2024

To: The News Editor

FOR IMMEDIATE RELEASE

SINGAPORE AND JAPAN DEEPEN COLLABORATION TO SERVE RISING DEMAND FOR AIR TRAVEL

At the 3rd Singapore-Japan Dialogue on Aviation Collaboration co-chaired by Civil Aviation Authority of Singapore (CAAS) Director-General Han Kok Juan and Japan Civil Aviation Bureau (JCAB) Senior Deputy Director-General Onuma Toshiyuki, in Kansai, Japan on 14 and 15 November 2024, the two civil aviation authorities agreed to deepen collaboration in air connectivity, sustainable aviation, aviation safety, air traffic management, aviation innovation, and unmanned aircraft systems (UAS) and advanced air mobility (AAM), to serve rising demand for global air travel which is expected to at least double over the next 20 years.

Air Connectivity

2 Air travel between Singapore and Japan has recovered strongly over the last year. As of November 2024, the number of weekly flights between the two countries - 165 weekly passenger services operated by seven air carriers - was at close to 90% of pre-COVID levels, compared to 70% a year ago. CAAS and JCAB expect air travel between the two countries to fully recover in 2025 and agreed to work together to further grow air connectivity and improve flight punctuality and efficiency to better serve passengers.



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Sustainable Aviation

3 Recognising the important contribution of sustainable aviation fuels (SAF) to achieving net zero aviation emissions by 2050, CAAS and JCAB will explore opportunities to open more SAF feedstocks and production pathways for the region and contribute to the expansion of supply of CORSIA Eligible Fuels (CEF). Besides SAF, CAAS and JCAB will also start conversation for future collaborative activities on hydrogen as a complementary pathway for decarbonisation, such as sharing information on the deployment of hydrogen-powered airside vehicles. As part of the Dialogue, JCAB hosted CAAS to visits to hydrogen-filling stations for hydrogen fuel-cell powered ground support vehicles at Osaka International Airport and Kansai International Airport.

Aviation Safety

4 CAAS and JCAB are working together to learn from the Haneda incident and on measures to enhance aviation safety, particularly runway safety, as air travel volume grows. These include harnessing technology to prevent potential runway incursions, implementing a runway safety action plan to enhance runway safety in a comprehensive manner and strengthening collaboration amongst all relevant stakeholders which impact runway safety, including airlines, airport operators, ground handling companies and air navigation service providers.

Air Traffic Management (ATM)

5 CAAS and JCAB shared initiatives in User Preferred Route (UPR) which allow pilots to choose more efficient and direct routes to their destinations without having to stick to predefined routes, thus saving flight times and reducing carbon emissions. Both parties agree to encourage the adoption of UPR in the region. Japan introduced the Ground Based Augmentation System (GBAS) Landing System (GLS) which is under operational trial at Haneda Airport. GLS is a state-of-the-art technology to



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enhance the safety and efficiency of aircraft landings using satellite-based guidance information. Japan also provided updates on the status of GNSS (Global Navigation Satellite System) Radio Frequency Interference (RFI) in Japan and both sides will cooperate to mitigate the risks.

Aviation Innovation

6 CAAS and JCAB agreed to work together to better leverage technology to increase capacity and productivity, to meet rising demand for air travel. On 10 November 2024, Narita Airport has signed a Joinder Agreement to join the International Aviation Lab, alongside Airbus, Boeing, CAAS, Changi Airport Group (CAG), International Airlines Group (IAG), International Centre for Aviation Innovation (ICAI), SATS Ltd, Singapore Airlines and Singapore University of Technology and Design (SUTD). The International Aviation Lab is set up to develop innovative solutions for the transformation of airport operations around the world. Narita Airport's participation will allow the Lab to benefit from Japan's wealth of expertise in airport operations and its technology ecosystem. As part of the 3rd Singapore-Japan Dialogue, CAAS visited the Osaka International Airport and Kansai International Airport to view various airport innovation projects including the Mototok pushback tug and the Automated Passenger Loading Bridge.

UAS and AAM

7 Recognising the rapid advancement and tremendous opportunities in this field, CAAS and JCAB will work together to develop robust regulations to facilitate and support the safe integration of UAS and AAM operations with conventional aviation in the Asia-Pacific region. Singapore and Japan are active members of the Meeting of Asia-Pacific Regulators on AAM and UAS, working alongside 22 other Asia-Pacific States and Administrations to develop AAM and UAS reference materials which will be published by mid-2025.



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8 The annual Singapore-Japan Dialogue on Aviation Collaboration follows the signing of a Memorandum of Cooperation (MOC) in 2022 which established a strategic framework for civil aviation collaboration between Singapore and Japan.

9 Mr Han Kok Juan, Director-General of CAAS said, "The 3rd Singapore-Japan Dialogue marks a significant milestone in Singapore's civil aviation partnership with Japan, with a shared commitment for the two major air hubs in the Asia-Pacific region to work together to share expertise to position for growth and meet rising demand for air travel. CAAS also warmly welcomes Narita Airport joining the International Aviation Lab. Its participation will allow the Lab to benefit from Japan's deep technological and operational expertise and is an affirmation of the transformative value the Lab can bring to airport operations around the world."

10 Mr Onuma Toshiyuki, Senior Deputy Director-General of JCAB expressed his satisfaction and appreciation for having witnessed great progress of cooperation to address many challenges. He emphasized that two authorities have paved the way for the future collaboration through three meetings they have held so far. He also wished to further continue this cooperative action and to have a lot of opportunities to discuss individually or in the context of the regional or global meetings.

About the Civil Aviation Authority of Singapore

The mission of the Civil Aviation Authority of Singapore (CAAS) is to grow a safe, vibrant air hub and civil aviation system, making a key contribution to Singapore's success. CAAS' roles are to oversee and promote safety in the aviation industry, develop the air hub and aviation industry, provide air navigation services, provide aviation training for human resource development, and contribute to the development of international civil aviation. For more information, visit www.caas.gov.sg.

About the Japan Civil Aviation Bureau

The Japan Civil Aviation Bureau (JCAB) is one of the bureaus of the Ministry of Land, Infrastructure, Transport and Tourism (MLIT), consisting of the Aviation Network Department, Aviation Safety and Security Department, and Air Navigation Department.



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JCAB is responsible for the maintenance of airports, the safety of air transportation and the improvement of user convenience, and the development of the air transportation industry. For more information, please visit the MLIT website <https://www.mlit.go.jp>.

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