

12 JULY 2019



First APEX in Security Review Conducted in Brisbane, Australia





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The team of security professionals taking part in the APEX in Security Review in May at Brisbane Airport

The first APEX in Security Review in Australia was conducted at Brisbane Airport from 27 – 31 May. The review team comprised of security experts from Changi, Dublin, Sydney airports and staff from the Regional Office and ACI World. After a week of review and discussions, a number of best practice recommendations were made by the team over the week to help enhance security measures at Brisbane Airport.

ACI Highlights the Importance of Collaboration in Cybersecurity

The Regional Office was invited to speak at the 3rd Aviation Cyber Resilience Workshop, organized by the Association of Asia Pacific Airlines (AAPA) which was held in Kuala Lumpur, Malaysia on 13 June.

The workshop was attended by over 60 participants from States, airports, airlines and service providers. It was the third in a series of four workshops aimed at bringing together regional stakeholders to raise awareness on cyber resilience and share best practices in addressing cyber threats.



Representatives from ACI Asia-Pacific, Australian Government (Department of Foreign Affairs and Trade), ICAO Asia and Pacific Office, Qantas Airways and a Cybersecurity Consulting firm shared views on how different parties can collaborate to strengthen cybersecurity

The panel discussion which the Regional Office took part in explored how different regional parties, including State regulators, airlines, airports, and industry associations, can better collaborate and leverage resources to strengthen capabilities and resilience on cybersecurity. A number of ACI's initiatives on cybersecurity were highlighted in the discussion, such as the handbook on cybersecurity for airport executives, the online cyber self-assessment tool and the various training courses on cybersecurity.

For enquiries regarding aviation security, please contact Gary Leung at gary@aci-asiapac.aero.

Regional Environment Committee – New Vice-Chair Elected

The ACI Asia-Pacific Regional Environment Committee (REC) recently held a special election due to the Vice-Chair, Ms. Rebekah Marshall of Dubai Airports stepping down due to other professional obligations. Dr. M. Muthukrishnan of Delhi International Airport Limited was elected the new Vice-Chair with immediate effect and will serve until the end of December 2020.

Commenting on the election, Ir. Khairiah Salleh of Malaysia Airports Holdings Berhad, Chair of REC said, "I am pleased to introduce Dr. M. Muthukrishnan as the new Vice-chair of the REC. Dr. Muthukrishnan is a highly accomplished environmental expert, with his wealth of knowledge and experience in aviation sustainability management, he will certainly help the REC in achieving its future environmental goals. Please join me in congratulating Dr. Muthukrishnan on his new position."



Dr. M. Muthukrishnan is the Head – Environment of Delhi International Airport Limited. He has more than 12 years' experience in Aviation Environment & Sustainability Management. He is currently leading advancement of environmental safeguards and development in India in the area of aviation environmental standards, green aviation policy, green buildings for airports, climate change management, carbon neutral progress for aviation, sustainability developments and resource conservations.

He is also a certified ICAO TRAINAIR PLUS Course Developer and ICAO Safety Management System professional. He developed a Standardized Training Package for ICAO on the subject of "Leadership in Energy and Environmental Design and Operation of Airport Infrastructure" and rolled out multiple trainings. Dr. Muthukrishnan has been supporting REC's work since joining the Committee and is committed to deliver the environmental initiatives of the REC.

Dr. Muthukrishnan said, "I am thankful for all members of the REC, this exposure has provided me with the opportunity of learning different environmental practices from different environmental experts, which inspires me to keep going and I am fortunate to have the chance to serve the Committee as Vice-chair. My goals are to enhance our outreach to members within this region, to promote our environmental initiatives and support REC's continuous growth."

For enquiries regarding REC, please contact Ken Lau at ken@aci-asiapac.aero.

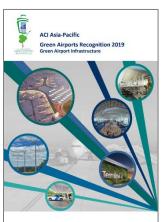
New ACI Publications



The ACI Runway Safety Handbook – Arabic version is a translated version of the ACI Runway Safety Handbook published in 2014. Runway safety is a significant challenge and top priority for airport operations which is why ACI is proud to present this handbook on Runway Safety, aimed at airport operators. The contents were distilled from a wide-range of guidance material from Civil Aviation Authorities, ACI Member Airports' operational safety procedures, ICAO and other international aviation organizations' publications pertaining to runway safety.

Another recent publication is ACI Asia-Pacific Green Airports

Recognition 2019 Publication. The publication highlights how the design, construction and operation of the 19 airport members' projects contributed to supporting economic development, increasing efficiency of resource consumption, adopting clean, environmentally friendly technology and empowering the communities they serve. Green Airports Recognition aims to promote best practices that minimize aviation's impact on the environment and recognize our region's airport members who have outstanding accomplishments in their endeavours.



The two publications were sent to **designated representatives of individual airport members**. If you wish to learn more about these publications please contact us at communications@aci-asiapac.aero.



Successful Developing Nations Airport (DNA) Assistance Programme Seminar on Aerodrome Certification Delivered in Haikou



The second DNA seminar of 2019 was successfully delivered in Haikou, China on 10-12 June. Kindly hosted by the HNA Airport Group Co., Ltd, 13 airport representatives from the region attended the 3-day seminar. The seminar, focused on Aerodrome Certification, was conducted by Mr. Owen Ryan, an experienced ACI instructor specializing in airside operations and wildlife control management.

Discussions centered around topics including Safety Management Systems, Wildlife Hazard Management and Emergency Planning. A visit to the airside of Haikou Meilan International Airport facilitated participants' better understanding of Physical Characteristics and Visual Aids in aerodromes, as they prepare for respective airports' certification.

The next DNA seminar, Customer Experience Management, is scheduled to take place on 6 – 7 September, following the ACI Customer Excellence Global Summit in Bali, Indonesia.

Europe's airport industry commits to NETZero CO2 emissions by 2050

At the 29th ACI EUROPE Annual Congress & General Assembly in Cyprus, ACI EUROPE unveiled a Resolution formally committing the European airport industry to become net zero for carbon emissions under its control by 2050, at the latest.

With this commitment, Europe's airports are responding to the Climate Emergency – and acting upon the latest scientific evidence presented by the IPCC Special Report on Global Warming of 1.5°C. This commitment comes alongside a call for the entire aviation sector to develop a joint ambition and initial roadmap towards a net zero carbon emissions air transport system. This is needed to supplement the significant efforts already being made by the aviation sector under ICAO's Basket of Measures, including CORSIA.

The pledge is further backed by 194 airports run by 40 airport operators across 24 European countries - with each of them individually committing to the same objective. This marks a step change in the climate action of the airport industry. Based on Europe's airports current traffic volumes (2.34 billion passengers welcomed in 2018) and estimated carbon footprint, this net zero commitment will eliminate a total of 3.46 million tons of annual CO2 emissions by 2050.

For further information about this ACI EUROPE's Resolution, please refer to the press release.





ICAO AVSEC 2019

As part of the third annual Global Aviation Security Symposium 2019 (AVSEC2019), the Industry Engagement Day (IED) will take place on 20 September. IED will connect innovators with problem owners to identify practical applications of security technology to accelerate progress towards the enhancement of global aviation security. ICAO, in collaboration with Airports Council International (ACI) and International Air Transport Association (IATA), will foster trusted, safe

and inclusive development, trialling and deployment of technologies and equitable access to their benefits.

ICAO has extended a special 60% discount for all ACI members to attend AVSEC2019 including IED. Continue through to the registration page where you will be prompted to login or register an ICAO account. Fill in the requested information and be sure to choose the "ACI Members" designation. For questions, please contact ICAO at ddavidson@icao.int.

Traffic Monitor

April 2019: Passengers down -1.0% in Asia-Pacific and up 3.3% in Middle East

ACI Asia-Pacific Monthly Traffic Report <i>April 2019</i>				
FOR 5 Airports by Size Category				
Passenger				Freight
> 40M	25M to 40M	15M to 25M	5M to 15M	
Beijing (PEK) -5.9%	Jeddah (JED) +8.6%	Seoul Gimpo (GMP) -4.3%	Sharjah (SHJ) +23.5%	Hong Kong (HKG) -8.3%
Dubai (DXB) -11.1%	Doha (DOH) +21.9%	Fukuoka (FUK) +1.5%	Nanchang (KHN) +2.7%	Shanghai Pudong (PVG) -9.1%
Tokyo Haneda (HND) -4.1%	Hangzhou (HGH) -0.6%	Tianjin (TSN) +0.0%	Nagoya (NGO) +13.1%	Seoul Incheon (ICN) -8.0%
Preliminary year-on-year traffic growth rates for Airports reporting highest traffic volume in the respective size category in April 2019				
Note : 1. ACI preliminary passenger and freight statistics are based on a significant sample of airports that provide regular monthly reports to ACI. They represent approximately 60% of total passenger traffic and 70% of total freight traffic worldwide. Commentary, tables and charts are based on preliminary data submitted by participating airports and are therefore subject to change.				

2. Airports are categorized based on the rolling passenger traffic in the last 12 months

Passenger traffic in Asia-Pacific recorded a slight decline in April at -1.0% and moderate growth of +3.3% in the Middle East.

In China, passenger traffic grew marginally this month despite solid international demands. A number of negative factors were at play: partial runway maintenance closures at Beijing (PEK) and significant flight cancellations at many airports in southern and eastern China due to adverse weather conditions. Mixed results were observed among major airports in the country: Beijing (PEK) -5.9%, Shanghai Pudong (PVG) -0.2% and Guangzhou (CAN) +0.2%.

In India, passenger traffic continued to trend downward this month especially in the domestic sector. Overall passenger traffic was adversely affected by the service suspension of a major airline and the grounding of Boeing 737 MAX. These

developments severely impacted the results in New Delhi (DEL) -15.3% and Mumbai (BOM) -19.9%. Nevertheless, other large airports still managed to report positive results: Bangalore (BLR) +3.6% and Hyderabad (HYD) +3.8%.

Elsewhere in Asia-Pacific, a number of airports likely benefited from vacation travels during Easter and the extended Golden Week in Japan and enjoyed solid growth: Tokyo Narita (NRT) +3.1%, Osaka Kansai (KIX) +7.7%, Seoul Incheon (ICN) +5.5% and Taipei Taoyuan (TPE) +5.6%

In the Middle East, overall passenger traffic grew +3.3% despite Dubai (DXB), the largest hub in the region, declined -11.1% this month as one of the two runways was closed for refurbishment since mid-April. Airports with high passenger volume increase from last year included: Doha (DOH) +21.9%, Jeddah (JED) +8.6% and Sharjah (SHJ) +23.5%.

In terms of air freight, Asia-Pacific and the Middle East declined at -7.0% and -4.3% respectively amid the ongoing trade tensions between China and the United States, and uncertain global economic conditions. Despite most of the major air freight hubs reported negative growth in April, the following airports delivered positive gain from last year: Guangzhou (CAN) +3.9%, Shenzhen (SZX) +2.6% and Delhi (DEL) +0.4%.

Members at a Glance

Airport Members Spotlight

ACI Asia-Pacific is the largest geographical region amongst five ACI regions. Our members span across Asia-Pacific, the Middle East, and islands in the Pacific Ocean including Hawaii.

The 15 airports in Hawaii, managed by the Hawaii Department of Transportation, are one of the longest standing regular members of ACI Asia-Pacific. Daniel K. Inouye International Airport (HNL), formerly known as Honolulu International Airport, is the largest airport in the State of Hawaii and is located in Honolulu on the island of Oahu. From Honolulu you can fly to all of the Hawaiian Islands.

As of July 2019, ACI Asia-Pacific represents:



599 Airports

49 countries/ territories Asia-Pacific & Middle East

Did You Know

JEWEL Changi Airport – Opening of the Canopy Park

Did you know that you can take a walk 23m above ground on the Canopy Bridge with glass panel flooring and look down into the lush greenery at Jewel? The Canopy Bridge can be found on the top level at the recently opened Canopy Park inside Jewel's striking glass and steel dome which also features a stunning waterfall as the centerpiece. Canopy Park is home to seven iconic play and leisure spots for visitors to enjoy.

Jewel Changi Airport is Singapore's latest development featuring gardens, retail, dining and entertainment attractions augmenting travelers' experience at Changi.



EVENTS INVITATION FOR YOU...



Members are welcome to send company press releases and news to newsroom@aci-asiapac.aero for publishing on our website.

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ACI Customer Excellence Global Summit | BALI

The summit will be held under the theme of 'One airport community: Many passenger journeys' together with ASQ Forum, Award Ceremony and Training Day in **Bali**, **Indonesia on 2-5 September**.

Register Now!

WBP Airport Tour 2019 | VIETNAM (WBP MEMBERS ONLY) This September, WBP members are invited to join us on a visit to three airports in Vietnam to explore collaboration opportunities.

Register Now!

The Trinity Forum 2019 | DOHA

The world's most influential airport commercial revenues conference will be held in **Doha** on **30-31 October**. This is the first time the event is hosted in Qatar.

Register Now!

Airport Exchange 2019 | ABU DHABI

The biggest annual trade show of ACI is going to draw 1,000+ delegates, 70+ exhibitors & sponsors, and 120+ expert airport speakers. The three-day event takes place in **Abu Dhabi** on **25-27 November**.

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