



ICAO

The Fifth Meeting of the Aerodromes Operations and  
Planning Sub-Group (AOP/SG/5)

Video Conferencing, 29 June to 2 July 2021

**LIST OF PARTICIPANTS**

Total States/Administrations	27
Total Int'l Organization	5
<b>Total - Participants</b>	<b>176</b>
ICAO	8
<b>Grand Total</b>	<b>184</b>

AUSTRALIA	2	NEPAL	12
BANGLADESH	5	PAKISTAN	4
BRUNEI DARUSSALAM	1	PHILIPPINES	6
BHUTAN	1	ROK	6
CAMBODIA	4	SINGAPORE	8
CHINA	10	SRI LANKA	9
- HONG KONG CHINA	8	THAILAND	16
- MACAO CHINA	4	TIMOR-LESTE	2
COOK ISLANDS	1	USA	4
FIJI	1	VIET NAM	15
INDIA	9		
INDONESIA	4	ACI	2
JAPAN	8	IATA	3
LAO PDR	9	IFALPA	2
MALAYSIA	7	IFATCA	1
MALDIVES	3	PASO	1
MYANMAR	5	ICAO	8

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**FIFTH MEETING OF THE AERODROME OPERATIONS AND PLANING SUB GROUP  
(AOP/SG/5)**

*29 June – 2 July 2021  
Video Teleconference*

- **Distinguished members of the States' Delegations**
- **Members of International Organizations, Participants, ICAO Officials**
- **Madam Chair, Ms. Lyu Qing**
- **Ladies and Gentlemen**

Good Morning, good afternoon and good evening! Welcome to the Fifth Meeting of the Aerodrome Operations and Planning Sub Group.

I am delighted to note that 184 participants from 27 States and 6 International Organizations registered for this Meeting of the Aerodrome Operations and Planning Sub Group, which reflects the importance given to the Aerodrome Operations and Planning in the Region, particularly towards advancing compliance with ICAO Annex 14 Standards and Recommended Practices. Your attendance and active contribution to this meeting will ensure the continuous and coherent development of the AOP parts of the Asia/Pacific Regional Air Navigation Plan (APAC ANP) in a manner that is consistent with ICAO SARPs, the Global Air Navigation Plan and the Global Aviation Safety Plan.

Ladies and Gentlemen. Aerodromes are key infrastructures for the development of aviation, which in turn supports economic and social development of nations.

Pre COVID-19, Asia Pacific was one of the regions that had been experiencing high growth rate, which in 2018 recorded a growth rate of 10.7 percent in terms of Revenue Passenger Kilometers (RPK) and contributed to 34 per cent of world traffic. The region's air transport industry supported 30.9 million jobs and \$632 billion in GDP.

The global outbreak of Coronavirus Disease (COVID-19) pandemic severely impacted on international air traffic due to closure of international borders and entry restrictions.

Capacity offered in Asia/Pacific in 2020 was reduced by 45 per cent and passenger numbers dropped by 55 per cent. International and domestic traffic declined by 80 per cent and 45 per cent, respectively. Loss in airline passenger operating revenues reached USD 120 billion, accounting for almost one third of the global loss. Domestic travel demonstrated stronger resilience and dominated traffic recovery scenarios, particularly in China where domestic travel has been the main driving force to the global air travel recovery.

Entering into 2021, air travel continues to be weak amid virus resurgence and related shutdowns. ICAO's near-term projection at mid June indicates that for the full year of 2021, compared to 2019, seats capacity offered by airlines would reduce from 36% to 39%, and number of passengers would decline by 41% to 49%. The projected decline in traffic is estimated to translate into a potential loss between USD 289 to 323 billion in gross passenger operating revenues of airlines.

It is anticipated that once the COVID-19 situation will be under control, and States eases the lockdown requirements and border controls, aerodromes will resume normal operations to support the aviation ecosystem. This is expected to be a gradual process, which may be carried out in a phased manner as the aviation industry scales up operations based on the global demand. In this regard, ICAO has developed i-Pack on “Aerodrome Restart” to facilitate States to cope with the various challenges of restarting aerodrome operations after a partial or full closure of aerodromes, due to the COVID-19 pandemic. I am very glad to inform you that Fiji is the first APAC State receiving this i-Pack, which is now under deployment. We are also in the process to offer one more i-Pack to one of the APAC States within this year. We will announce it once the formal decision has been made by ICAO.

According to ICAO's long-term traffic forecasts, APAC is expected to be the fastest growing region in terms of passenger traffic forecast, at an annual rate of 6.4 per cent up to 2032. For freight traffic forecast, the region is projected to grow 5.1 per cent annually for the same period, the second highest growth rate among all regions.

The APAC region is home to many **top airports** **whether** ranked by aircraft departures, passengers’ movement and volume of freight. I take a pride in naming some of the region’s top performing airports without any particular order:

- Bangkok (Thailand), Beijing (China), Changi (Singapore), Guangzhou (China), Hong Kong (SAR, China), Incheon (ROK), Jakarta (Indonesia), New Delhi (India), Shanghai (China), and Tokyo (Japan)

However, we do have some challenges:

**Firstly, on implementation of ICAO Annex 14 SARPs** (measured through the Effective Implementation score in ICAO USOAP CMA):

USOAP results revealed that the APAC average USOAP EI in AGA is 61.43 % compared to global average AGA EI of 62.72 % as of June 2021. There are 22 States in the region with EI less than 75% (which is GASP 2020 – 2022 target) that these States need to meet by 2022.

**Secondly, on the matter of certification of Aerodromes:** Only about 89 % the APAC Region’s aerodromes used for international operations (304 out of 342 intl. aerodromes) have been certified. APANPIRG/29 and 55<sup>th</sup> DGCA Conference had urged States to develop certification plan and allocate necessary resources to certify all aerodromes used for international operations by 2020. To assist States in certification of aerodromes, ICAO, COSCAPs and ACI have been conducting trainings and workshops in aerodrome certification at various locations of the Region since 2017 and providing technical assistance to States through APAC CAT, COSCAPs and IPAV missions. In 2021, ICAO and COSCAPs conducted several webinars for CAAs and operators in various fields of AGA.

**Thirdly, on A-CDM implementation at international airports:** As you are aware Airport Collaborative Decision Making (A-CDM) is now embedded as an important enabler that will improve operational efficiency, predictability and punctuality to the ATM network and airport stakeholders. APAC Seamless ANS Plan 2020 requires, at least, all aerodromes used for international operations to implement A-CDM. In APAC Region 56 aerodromes have implemented A-CDM. I encourage States/Administrations that have yet to implement A-CDM to refer to the **APAC A-CDM Implementation Plan** developed by the Asia/Pacific Airport Collaborative Decision Making Task Force, which provides regional guidance for implementation of A-CDM.

**Fourthly – Runway Excursion:** Runway excursion is one of the highest risk categories identified by Global Aviation Safety Plan 2020 – 2022, endorsed at 40<sup>th</sup> Assembly in September/October 2019. ICAO Annex 14, Volume I – Aerodrome Design and Operations has introduced new requirement in assessing and reporting of the runway surface conditions using runway condition code, which will become applicable from 4 November 2021. In order to help States better understanding and plan in implementation of this new requirement, ICAO and COSCAPs organized series of Webinar on Global Reporting Format (GRF) for Runway Surface Conditions Reporting in 2020. ICAO APAC is closely monitoring GRF implementation progress being made by States.

Lastly Ladies & Gentlemen, I have been informed that the meeting has received 19 Working papers, 11 Information papers and 2 presentations. You have only three short days to deliberate on this. As I do not wish to pre-empt your discussions nor take up your valuable time, I would therefore like to end here. I wish you all a very successful and productive meeting.

Thank You!

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# ICAO

The Fifth Meeting of the Aerodromes Operations and Planning Sub-Group (AOP/SG/5)

Video Conferencing, 29 June to 2 July 2021

## LIST OF PAPERS AND PRESENTATIONS

Paper No.	Agenda Item	Title	Presented by
<b>WORKING PAPERS</b>			
WP/01	1	Adoption of Provisional Agenda	Secretariat
WP/02	2	Relevant Outcomes of APANPIRG/31 and APAC Action Plan	Secretariat
WP/03	2	Actions on AOP/SG/4 Conclusions and Decisions	Secretariat
WP/04	3	Asia/Pacific Air Navigation Plan	Secretariat
WP/05	4	Report on the Sixth Meeting of Asia Pacific Airport Collaborative Decision Making Task Force (APA-CDM/TF/6)	Chairman of the APA-CDM/TF
WP/06	4	Report on the Third Meeting of the Asia/Pacific Wildlife Hazard Management Working Group (AP-WHM/WG/3)	Chairman of AP-WHM/WG
WP/07	4	Report on the Third Meeting of Asia/Pacific Aerodrome Assistance Working Group (AP-AA/WG/3)	Chairperson of AP-AA/WG
WP/08	4	Report on the Second Meeting of the Asia/Pacific Aerodrome Design and Operations Task Force (AP-ADO/TF/2)	Chairperson of AP-ADO/TF
WP/09	4	Implementation of Requirements for Certification of Aerodromes in the Asia/Pacific Region	Secretariat
WP/10	4	ICAO USOAP and AGA Findings	Secretariat
WP/11	4	USOAP CMA Protocol Questions – 2020 Edition and State Safety Programme Implementation Assessment	Secretariat
WP/12	4	Enhanced Global Reporting Format for Assessing and Reporting Runway Surface Conditions (GRF)	Secretariat
WP/13	4	Runway Safety Team and Runway Safety Go-Team	Secretariat
WP/14	5	Status of Air Navigation Deficiencies in AOP Field	Secretariat
<b>Revision 1</b>			
WP/15	7	APANPIRG AOP Sub Group Task List	Secretariat
WP/16	9	Provisional Agenda, Date and Venue of Next Meeting	Secretariat
WP/17	4	Airport Autonomous Transport System at Hong Kong International Airport	Hong Kong, China
WP/18	4	Application of Digital Tower and Surveillance Technology for Apron Efficiency at Hong Kong International Airport	Hong Kong, China
WP/19	4	Draft Regional Guidelines for Design and Operation of Plateau Airports	China

Paper No.	Agenda Item	Title	Presented by
<b>INFORMATION PAPERS</b>			
IP/01	—	List of Papers	Secretariat
IP/02	2	RASG-APAC/10 Meeting Outcomes	Secretariat
IP/03	4	ICAO HQ Update on AGA Matters	Secretariat
IP/04	4	A-SMGCS Onboard Guidance System Implementation in Korea	Republic of Korea
IP/05	4	Installation of Precision Approach CAT I Lighting System on High Towers in Steep Terrain at Pokhara International Airport	Nepal
IP/06	4	Guidance Material on GRF Implementation for Aerodrome Operator Not Exposed to Ice or Snow Conditions	Nepal
IP/07	4	Introduction of the Four Characteristics Airport Development Guidelines	China
IP/08	4	Design and Evaluation Management of Aircraft Load Bridges in Civil Airports	China
IP/09	4	The Design Concepts to Improve the Construction and Operation of Water Aerodrome	China
IP/10	4	The Introduction of Chinese Developed Regional Aircraft	China
IP/11	4	ICAO Initiatives to Assist States in AGA Area	Secretariat
IP/12	2	ICAO Asia Pacific COVID-19 Contingency and Recovery Planning Group (ACCRPG) — Annual Report to Asia Pacific Director Generals of Civil Aviation (APAC DGCAs)	Secretariat

<b>PRESENTATIONS</b>		
PPT/01	Global Reporting Format (GRF) at HKIA	Hong Kong, China
PPT/02	ICAO Committee on Aviation Environmental Protection (CAEP), Working Group 2 (WG2) – Current work on Airports and Operations	Secretariat
PPT/03 (IP/08)	Guide for Design and Evaluation of Civil Airport Aircraft Load Bridges	China
PPT/04 (IP/10)	The Introduction of Chinese Developed Regional Aircraft	China
PPT/05 (WP/17)	Airport Autonomous Transport System at Hong Kong International Airport	Hong Kong China
PPT/06 (WP/18)	Application of Digital Tower & Surveillance Technology	Hong Kong China