

INTERNATIONAL CIVIL AVIATION ORGANIZATION



REPORT
NINTH MEETING OF THE ICAO ASIA AND PACIFIC
COVID-19 CONTINGENCY AND RECOVERY PLANNING GROUP
(ACCRPG/9)

Web-conference, 28 January 2021

The views expressed in this Report are those of the Meeting
and not the Organization

Approved by the Meeting and published by the ICAO Asia and Pacific Office, Bangkok

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INTRODUCTION

1. History of the Meeting

1.1. The ICAO Asia and Pacific (APAC) Office hosted the Ninth Meeting of the ICAO APAC COVID-19 Contingency and Recovery Planning Group (ACCRPG/9) via web-conference from Bangkok, Thailand, on 28 January 2021.

2. Attendance

2.1. Over one hundred and four (104) participants joined the Meeting from seventeen (17) Member States/Special Administrative Regions and ten (10) International Organizations and aviation industry partners. The list of registered participants is at **Appendix A** to this Report.

3. Officers and Secretariat

3.1. Mr. Jim Wolfe, *Assistant Secretary, COVID International, Department of Infrastructure, Transport, Regional Development and Communications, Australian Government*, and Mr. Conrad Clifford, *Regional Vice President, Asia Pacific, International Air Transport Association (IATA)*, presided as Co-Chairs of the Meeting.

3.2. Mr. Manjit Singh, *Acting Regional Director, ICAO APAC Office*, acted as Secretary for the Meeting; assisted by members of the ICAO Secretariat.

4. Language and Documentation

4.1. The working language of the Meeting was English, inclusive of all documentation and this Report. The meeting considered information in eleven (11) presentations as listed at **Appendix B** to this Report. The Meeting documentation is available at the ICAO APAC Office website: <https://www.icao.int/APAC/ACCRPG/Pages/2020-ACCRPG9.aspx>.

REPORT ON AGENDA ITEMS

1. Opening of the meeting and working arrangements

1.1. The Secretary officially opened the Meeting at 10:00 hrs. in Bangkok on 28 January 2021 (ICT, UTC+7). The Secretary and the Co-Chairs provided opening remarks and welcomed all participants to the Meeting.

Adoption of the Agenda

1.2. The Meeting adopted the Agenda as shown below:

- Agenda Item 1: Opening of the meeting and working arrangements
- Agenda Item 2: ICAO Updates
- Agenda Item 3: ACCRPG Sub-Group Reports and Work Program
- Agenda Item 4: Information Sharing
- Agenda Item 5: Any other business
- Agenda Item 6: Next meeting

Review the Report of the previous meeting

1.3. The Secretariat disseminated a copy of the Report from the previous meeting, ACCRPG/8, to all members and focal points of the ACCRPG and posted the Report of ACCRPG/8 on the ICAO APAC Office website: <https://www.icao.int/APAC/ACCRPG/Pages/2020-ACCRPG8.aspx>

2. ICAO Updates

Presentation: *ICAO Economic Impact Analysis of COVID-19 on Civil Aviation and new Guidance on Economic and Financial Measures* (Secretariat)

2.1. The collapse (60% decline) in world aviation passenger traffic in 2020 is unprecedented in history. The ICAO APAC region accounted for the largest share of the 2020 vs. 2019 global deficit in passenger numbers and revenues. ICAO estimates that the APAC region saw a 45% reduction in air traffic capacity in 2020 with 916 million fewer passengers and USD 120 billion in lost revenues.

2.2. APAC monthly passenger numbers declined throughout the first quarter of 2020 to be down by more than 80% by April. Although domestic passenger numbers then recovered steadily during Q2 and Q3 of 2020, international passengers compared to January 2020 remained very low for the rest of the year.

2.3. Correspondingly, APAC airline passenger revenues, both international and domestic, suffered significant declines during the first quarter of 2020. For international airlines, significant losses of revenue then persisted for the rest of the year.

2.4. ICAO projections for the near term indicate that APAC passenger numbers and revenues will remain stunted during the first quarter of 2021 with growth commencing in Q2 2021.

2.5. To mitigate the economic impacts of COVID-19, ICAO adopted the CART Recommendation 10 to facilitate the implementation of appropriate economic and financial measures

by States to support the financial viability of aviation.

2.6. Supplementary to the CART recommendations, ICAO published the following information resources:

- *Guidance on Economic and Financial Measures*¹ document – summarizes a range of possible measures that can be explored by States and the aviation companies to cope with the economic fallout of the pandemic;
- *Economic Impacts of COVID-19 on Civil Aviation*² website – with links to updated reports and adjusted forecasts; and
- *COVID-19 Air Traffic Dashboard*³ – enables users to monitor four aspects of the impact of COVID-19 on civil aviation, including economic impact.

Public Health Corridors – “PHC App” (Secretariat)

2.7. ICAO is developing the *Public Health Corridors*⁴ website (PHC App) to help users build an arrangement for a public health corridor (PHC) between two or more States and/or a region.

2.8. The PHC App applies a safety risk management approach utilizing information on the operators, airports and routes together with disease translocation risk levels (via the *State Risk Levels*⁵ website) and public health risk mitigation measures (via the *Public Health Risk Mitigation*⁶ tool) to enable States to agree on the level of PHC measures to be included in the arrangement.

2.9. Although the PHC App is still under development, ICAO encourages States to test the PHC App and provide ICAO with feedback from users.

Presentation: CART recommendations: CRRIC activity status report (Secretariat)

2.10. The CRRIC⁷, State Activity Status dashboard, now provides information on the implementation of the three (3) new recommendations from CART Phase II (CART Recommendation 12, 13 and 14).

2.11. In the APAC Region, the percentage of States that had completed the CRRIC, *Gap Analysis*, for CART Phase I Recommendations had increased to 72% (from 64% at the last meeting). With the addition of the CART Phase II Recommendations, the percentage of States that had completed the CRRIC, *Gap Analysis*, for all CART Phases (I and II) was only 28% (Note: average for all ICAO Regions was 35%).

2.12. According to the CRRIC, the percentage of APAC States that had fully reviewed the public health risk mitigation measures listed in the CART take-off document had increased to 54%

¹ <https://www.icao.int/sustainability/Pages/Economic-and-financial-measures.aspx>

² <https://www.icao.int/sustainability/Pages/Economic-Impacts-of-COVID-19.aspx>

³ <https://www.icao.int/sustainability/Pages/COVID-19-Air-Traffic-Dashboard.aspx>

⁴ <https://portal.icao.int/CRRIC/Pages/Public-Health-Corridors.aspx>

⁵ <https://portal.icao.int/CRRIC/Pages/State-Risk-Levels.aspx>

⁶ <https://portal.icao.int/CRRIC/Pages/dbom.aspx>

⁷ <https://portal.icao.int/CRRIC/Pages/default.aspx>

(from 36% at the last meeting). Only one (1) APAC State (Democratic Peoples' Republic of Korea) had not yet nominated a CRRIC *Focal Point*.

3. ACCRPG Sub-Group reports and Work Program

Presentation: *Progress Report – Public Health Sub-Group (PH/SG) (Public Health Sub-Group Rapporteur)*

3.1. The PH/SG convened its 10th meeting on 19 November 2020. Discussion included CART Recommendation 13 – *Testing and Cross Border Risk Management Measures*, and Recommendation 14 – *Formation of Public Health Corridors*, CART take-off document and regional challenges related to CART Phase II, States' submission of data on the CRRIC website (e.g., status of review of the CART public health risk mitigation measures) and regional public health/aviation collaboration activities.

3.2. In 2021, PH/SG will focus on regional public health/aviation collaboration activities and information sharing and promoting States' awareness on relevant issues, including COVID-19 vaccination and passenger test/vaccination certificates and the implementation of PHCs.

3.3. The next PH/SG meeting scheduled for 4 February 2021.

Presentation: *Progress Report – Safety Sub-Group (SAF/SG) (Safety Sub-Group Rapporteur)*

3.4. The SAF/SG had convened for thirteen (13) meetings in 2020 to share information, discuss issues and support the development of guidance related to States' implementation of CART Recommendations 1, 2 and 3 and, following the publication of CART Phase II, Recommendation 12.

3.5. In relation to CART Recommendation 1, the percentage of APAC States that had updated the *COVID-19 Contingency Related Differences* (CCRDs) in the *Electronic Filing of Differences* (EFOD) subsystem had increased to 95%.

3.6. In relation to CART Recommendations 2, 3 and 12, the SAF/SG was focussing on how States could avoid retaining COVID-19 related alleviation measures beyond 31 March 2021 and facilitate the training/checks necessary for flight crew to maintain their certificates, recency of experience and proficiency.

3.7. ICAO published information at its *Operational Safety*⁸ website to provide States with a *Roadmap to OPS Normal*⁹, including planning tools, approaches and guidance to support the withdrawal of the alleviations to SARPs in the CCRD and the recommencement of operations in line with the requirements of the SARPs. The website also provides States with guidance related to the *air Transport of Vaccines*¹⁰.

3.8. Taking into consideration the “Roadmap to OPS Normal” and consequential synergies developing among the SAF/SG and the *Regional Aviation Safety Group – APAC* (RASG-APAC) and *APAC Regional Aviation Safety Team* (APRAST), the SAF/SG would review its ongoing work plan to

⁸ <https://www.icao.int/safety/OPS/Pages/default.aspx>

⁹ <https://www.icao.int/safety/OPS/OPS-Normal/Pages/default.aspx>

¹⁰ <https://www.icao.int/safety/OPS/OPS-Normal/Pages/Safety-transport-vaccines.aspx>

adjust the frequency of its meetings accordingly and minimise any duplication of work.

Presentation: *Progress Report – Security and Facilitation Sub-Group (AVSEC-FAL/SG)*
(Security and Facilitation Sub-Group Rapporteur)

3.9. The AVSEC-FAL/SG will seek further advice from the ACCRPG concerning the Sub-Group’s ongoing work plan and deliverables.

3.10. The ICAO State Letter Ref: AS 8/7 – 21/6, dated 27 January 2021 on the subject: *Distribution of COVID-19 Vaccines and Air Cargo Security*, introduces new guidelines developed by the ICAO Secretariat in collaboration with the *Aviation Security Panel Working Group on Air Cargo Security* to help States and Industry apply aviation security measures while facilitating a smooth flow of vaccines throughout the supply chain and to the final destination.

4. Information Sharing

Presentation: *Guidance to use of COVID-19 Vaccines for FAA-issued License/Medical Certificate holders* (FAA’s Federal Air Surgeon Office)

4.1. The United States’ national process for emergency use authorization enables the use of newly developed COVID-19 vaccines based on the completion of Phase 3 trials and subsequent scientific recommendations.

4.2. Historically, the US *Federal Aviation Administration* (FAA) had not approved new treatments or medication (for aviation personnel) without the full, normal protocol for national approvals plus a one-year post approval period had elapsed. However, due to the COVID-19 pandemic, FAA approved the use of COVID-19 vaccines, based on its own review of the emergency use authorization for each vaccine, including the side effects and timing and a “grounding” period for crew of 48-hours.

4.3. Other issues for consideration by the FAA concerning vaccines include the energy requirements and CO₂ emissions resulting from ultra-low temperature transportation of vaccines, requirements for the expedited handling, both air and ground, of vaccines and the assignment of “tiers” for the distribution of vaccines.

Presentation: *Boeing’s “Confident Travel Initiative – COVID Global Policy* (Presenter: Ms. Kristen Habenicht)

4.4. Boeing’s “Confident Travel Initiative” applies data-driven optimization to mitigate the risk of disease transmission for fliers for the whole journey, from home to departure airport, in the airplane, inflight and at the arrival airport.

4.5. Boeing-commissioned global passenger surveys indicate that, whereas most fliers would favour COVID-19 screening (82%-85%), fewer were willing to undergo quarantine (61%).

4.6. There are multiple ways to protect people and communities connected by air travel (from COVID-19), however, safety and uniform standards are critical to the restart of international travel and economies. Uniform testing and screening protocols are considered critical for international travel.

Presentation: *Confidence building program “Keep Trust in Air Travel”* (Airbus)

4.7. The COVID-19 pandemic in 2020 required the aviation industry response to be

collective, fast and safe. Airbus has focussed its efforts on blocking aerial transmission and stopping contact transmission of the virus on-board and preventing the virus from entering air travel.

4.8. The current focus for Airbus includes participating actively in the ICAO CART and supporting the implementation of ICAO/CART recommendations, collaborating with international research, building bridges between aerospace and medical communities and fostering consistent measures to alleviate travel restrictions while remaining safe.

Presentation: *Logistical process of handling COVID-19 cargo at Delhi Airport (ACI Asia-Pacific/Delhi International Airport Ltd.)*

4.9. The *Delhi International Airport Ltd.* (DIAL) implemented the elements of the *ICAO CART Take-off Guidance, Cargo Module*.

4.10. DIAL is planning to support the massive distribution of COVID-19 vaccines globally over two-years. Among the various challenges is the handling requirement of some vaccines at ultra-low temperature.

4.11. DIAL's response to the challenges of handling vaccines include measures such as the engagement, training, operations and safety of the people involved, the facilities and systems put into place to handle the vaccines and various initiatives supporting this enterprise.

Presentation: *Testing, vaccinations (prioritization for aviation sector) and quarantine: Current practices by States (Singapore)*

4.12. Singapore started its vaccination programme on 8 January 2021 and targets to vaccinate its whole population by end of the year.

4.13. The *Civil Aviation Authority of Singapore* (CAAS) has included all its frontline aviation workers in the first phase of the national vaccination program (within 2-months), including a reduction of testing requirements for personnel post-vaccination.

4.14. To support the vaccination program, CAAS set up a dedicated vaccination centre at Changi Airport. CAAS issued guidance to its air operator certificate (AOC) holders and ANSP not to undertake flight duties or safety-related duties within 48-hours of receiving a vaccination. CAAS also fostered broad scale vaccination consultation and scheduling arrangements.

4.15. Certification to facilitate travel will require the recognition of different vaccines and delivery protocols, documentation, verification, digitalization and an agreed set of standards and data formats.

4.16. Development of travel policy for vaccinated persons should be facilitated as the scientific evidence of the benefits of vaccination become clearer. This should also provide scope to review and relax testing and quarantine requirements for vaccinated persons and scope to review border control measures taking into account vaccination rate and reduced rate of COVID-19 incidence.

Presentation: *Testing, vaccinations (prioritization for aviation sector) and quarantine: Current practices by States (Republic of Korea)*

4.17. Republic of Korea is set to roll out its national COVID-19 vaccination program in four phases (in Q1, Q2, Q3 and Q4) based on level of priority. Public transport workers (including aviation) will be eligible for vaccination in Q3 (elderly people and health care/frontline workers will be eligible

in Q1 and Q2).

4.18. The *Korea Office of Civil Aviation* (KOCA) will decide the vaccination priority within the approx. 110,000 aviation workers.

Presentation: *The new normal in terms of testing and vaccinations? (IATA)*

4.19. *Time did not allow discussion or presentation on this matter.*

5. Any other Business

5.1. No items discussed here.

6. Next Meeting

6.1. The Co-Chairs and Secretariat tentatively scheduled 18 March 2021 for the next meeting (ACCRPG/10).

6.2. The Co-Chairs also suggested convening an interim meeting with the Secretariat and rapporteurs from the sub-groups to discuss the way forward for the ACCRPG.

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**NINTH MEETING OF THE ICAO APAC COVID-19 CONTINGENCY AND RECOVERY
PLANNING GROUP (ACCRPG/9)**

List of Participants

NAME	TITLE/ADMINISTRATION
CO-CHAIRS OF ACCRPG	
1. Mr. Jim Wolfe	Assistant Secretary, COVID International, Department of Infrastructure, Transport, Regional Development and Communications
2. Mr. Conrad Clifford	Regional Vice President Asia Pacific International Air Transport Association
1. AUSTRALIA	
3. Mr. Miles Gore-Brown	FOI, International Operations & Chair ICAO Flight Operations Panel Civil Aviation Safety Authority (CASA)
4. Mr. Michael Juelg	Manager, Flight Crew Licensing Standards Civil Aviation Safety Authority (CASA)
2. BANGLADESH	
5. Engr Md Anwar Hossain	Asst NCMC and Senior Communication Engineer Civil Aviation Authority of Bangladesh
6. Capt. Zaman	Civil Aviation Authority of Bangladesh
3. BHUTAN	
7. Mr. Pem Tshering	Deputy Chief Aerodrome Officer Bhutan Civil Aviation Authority
8. Pelden	Bhutan Civil Aviation Authority
4. CHINA	
9. Ms. YANG Jiru	Civil Aviation Administration of China
10. Liu Tiebing	Civil Aviation Medicine Institute / Civil Aviation Medicine Center Civil Aviation Administration of China
11. LIU	Civil Aviation Administration of China
12. SUN Xinyu	Civil Aviation Administration of China
5. HONG KONG, CHINA	
13. Ms. Cecilia PANG	Chief Operations Officer (Security) Civil Aviation Department Hong Kong, China
14. Ms. Erin SIU	Senior Operations Officer (Avsec Support) Civil Aviation Department Hong Kong, China
15. Mr. Simon LI	Acting Senior Airworthiness Officer Civil Aviation Department Hong Kong, China
16. Ms. Charly YU	Operations Officer (Avsec Support) Civil Aviation Department Hong Kong, China
17. Mr. Kennedy KWAN	Airworthiness Officer Civil Aviation Department Hong Kong, China
18. Mr. Carl LI	Air Traffic Management Standards Officer Civil Aviation Department Hong Kong, China
19. Mr. Matthew TAM	Acting Safety Officer (Technical Support) Civil Aviation Department Hong Kong, China
6. INDIA	
20. Capt. Vivek Chabbra	Deputy Chief Flight Operations Inspector Directorate General of Civil Aviation

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	NAME	TITLE/ADMINISTRATION
	21. Mr. Ashutosh Vashisth	Deputy Director General of Civil Aviation Directorate General of Civil Aviation
7.	MALAYSIA	
	22. Capt. Md. Jani Md Dom	Director of Policy, Quality and Standard Civil Aviation Authority of Malaysia (CAAM)
	23. Mr. Collin J. Melling	Director of Airworthiness Civil Aviation Authority of Malaysia (CAAM)
	24. Mr. Mohammad Azman Bin Abdul Rahman	Project Management Officer Civil Aviation Authority of Malaysia (CAAM)
	25. Ms. Raslina binti Yahya	Senior Assistant Director, Strategic Affairs Division Civil Aviation Authority of Malaysia (CAAM)
	26. Dr. Mohammad Razin Kamarulzaman	Head of Corporate Safety Oversight and Aviation Medicine Malaysia Airlines
8.	MONGOLIA	
	27. Mr. Batbold, Boldbayar	Civil Aviation Authority of Mongolia
	28. Mr. Jugdernamjil, Battungalag	Civil Aviation Authority of Mongolia
9.	NEPAL	
	29. Mr. Raju Shrestha	Chief, Flight Safety Standards Department Civil Aviation Authority of Nepal (CAAN)
	30. Mr. Indu Raj Adhikari	Manager, Domestic Airport, Facilitation Department Civil Aviation Authority of Nepal (CAAN)
	31. Mr. Binaya Giri	Deputy Manager, Flight Safety, Standard Department Civil Aviation Authority of Nepal (CAAN)
	32. Mr. Babu Ram Paudel	Director, Aerodrome Safety Standards Department Civil Aviation Authority of Nepal (CAAN)
10.	NEW ZEALAND	
	33. Ms. Sonya Van De Geer	Principal Adviser Ministry of Transport
11.	PAKISTAN	
	34. Dr. Shahid Saleem	Chief of Aviation Medicine Pakistan Civil Aviation Authority (PCAA)
	35. Mr. Faisal Safdar Khan	Senior Joint Director SQMS Pakistan Civil Aviation Authority (PCAA)
12.	REPUBLIC OF KOREA	
	36. Mr. Huho HA	Deputy Director ICAO & Global Partnerships Ministry of Land, Infrastructure and Transport
	37. Ms. Mia Ji	Assistant Director ICAO & Global Partnerships Ministry of Land, Infrastructure and Transport
	38. Youngjae Ki	Ministry of Land, Infrastructure and Transport
13.	SINGAPORE	
	39. Mr. Han Kok Juan	Senior Deputy Director-General Civil Aviation Authority of Singapore (CAAS)
	40. Mr. Tan Kah Han	Senior Director of the Safety Regulation Group Civil Aviation Authority of Singapore (CAAS)

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NAME	TITLE/ADMINISTRATION
41. Dr. Chong Chun Hon	Chairman, Civil Aviation Medical Board Civil Aviation Authority of Singapore (CAAS)
14. SOLOMON ISLANDS	
42. Mr. Brian Halisanau	Director of Civil Aviation (Acting) Civil Aviation Authority of Solomon Islands
15. THAILAND	
43. Dr. Pandit Wongcharuentham	Acting Head of Aeromedical Division, Personnel Licensing Department Civil Aviation Authority of Thailand (CAAT)
16. UNITED STATES	
44. Ms. Carey Fagan	Director, Asia Pacific Area Office Federal Aviation Administration – IAO
45. Ms. Mary Jo Marzinzik	Foreign Affairs Specialist Office of International Affairs Federal Aviation Administration
46. Dr. Susan Northrup	Southern Region Flight Surgeon Office of Aviation Medicine Federal Aviation Administration, USA
47. Mr. John J Benning	Federal Aviation Administration
48. Mr. Rolandos Lazaris	Division Manager International Programs and Policy Division, Flight Standards Service Federal Aviation Administration
49. Mr. Michael Watkins	Senior Air Traffic Representative, Asia Pacific; Federal Aviation Administration American Embassy – Singapore
50. Mr. Fred Stein	TSA Representative American Embassy – Singapore
17. VIET NAM	
51. Mr. To Tu Hung	Director, Aviation Security Civil Aviation Authority of Viet Nam (CAAV)
18. PASO	
52. Mr. Netava Waqa	Operations Manager Pacific Aviation Safety Office (PASO)
19. ASSOCIATION OF ASIA PACIFIC AIRLINES (AAPA)	
53. Mr. Subhas Menon	Director General of Association of Asia Pacific Airlines
54. Ms. Beatrice Lim	Director Industry and Regulatory Affairs
20. AIRPORTS COUNCIL INTERNATIONAL (ACI)	
55. Mr. Stefano Baronci	Director General - ACI Asia-Pacific
56. Mr. SL Wong	Head - Technical Affairs, Safety, Capacity and ATM
57. Mr. Gary Leung	Manager - Security and Facilitation
58. Mr. Sanjiv Edward	Chief Commercial Officer (Aero) Delhi International Airport Limited
21. CIVIL AIR NAVIGATION SERVICES ORGANIZATION (CANSO)	
59. Mr. Hai Eng Chiang	Director Asia Pacific Affairs
22. EUROPEAN UNION AVIATION SAFETY AGENCY (EASA)	
60. Mr. Javier Vicedo	EASA Representative
23. INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA)	

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NAME	TITLE/ADMINISTRATION
61. Mr. Blair Cowles	Regional Director Safety & Flight Operations (SFO) – Asia Pacific
62. Mr. Vinoop Goel	Regional Director Airports & External Relations (APCS, MER) – Asia Pacific
63. Ms. Younkyung Kim	Regional Manager, Passenger and Facilitation
64. Mr. Kar Leong (Karl) Sum	Manager, Member and External Relations, Asia-Pacific
65. Ms. Yi Ling Tan	Assistant Manager for Member and External Relations, Asia-Pacific
66. Ms. Diana Poh	Regional Manager, Airport Passengers Cargo and Security, Asia-Pacific
67. Mr. Joo Li (Richard) Tan	Regional Manager, Airport Passengers Cargo and Security, Asia-Pacific
24.	INTERNATIONAL FEDERATION OF AIR LINE PILOTS' ASSOCIATIONS (IFALPA)
68. Capt. Amornvaj (Ben) Mansumitchai	Deputy President - IFALPA
69. Capt. Daniel Dickson	PGA Chairperson - IFALPA, Singapore
70. Capt. Dr. Kanit Atisuthapoch	
71. Capt. Ishtiaque Hossain	
72. Capt. Bhudhibhuntu	
25.	INTERNATIONAL FEDERATION OF AIR TRAFFIC CONTROLLERS' ASSOCIATIONS (IFATCA)
Mr. Anthony Ang	Executive Vice-President Asia Pacific
26.	AIRBUS
73. Mr. Dhruv Rebbapragada	Regional Safety Director for South Asia
74. Mr. Bruno Fargeon	Airbus
75. Mr. Arnaud Meziere	Vice President Strategy, Airbus Asia Pacific
76. Mr. Derek Cheng	Airbus Asia Pacific
27.	BOEING
77. Mr. Jonathan Grant	Director for Southeast Asia & India Global Safety & Regulatory Affairs
78. Ms. Kristen Habenicht	Director, International Strategy and Business Development
79. Mr. Andy Chumney	Senior Program Manager for Southeast Asia & India Global Safety & Regulatory Affairs Boeing, Singapore
28.	INTERNATIONAL CIVIL AVIATION ORGANIZATION (ICAO)
	ICAO Headquarters
80. Mr. Marco Merens	Chief, Integrated Aviation Analysis Section Air Navigation Bureau
81. Ms. Sijia Chen	Air Transport Officer (Infrastructure Management), Economic Development Air Transport Bureau
	ICAO Asia/Pacific
82. Dr. Manjit Singh	Acting Regional Director / Deputy Regional Director
83. Mr. Raphael GUILLET	Chief Regional Sub-Office

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NAME	TITLE/ADMINISTRATION
84. Mr. Peter Dunda	Regional Officer, Aeronautical Meteorology / Environment
85. Dr. Punya Raj Shakya	Regional Officer, Aerodromes and Ground Aids
86. Mr. Parakrama Dissanayake	Regional Officer, Technical Assistance
87. Mr. Remington Low	Regional Officer, Aviation Security and Facilitation
88. Mr. Susantha DeSilva	Regional Officer, Safety Implementation
89. Mr. Cheong Tuck Kong	Regional Officer, USOAP CMA
90. Mr. S. M. Nazmul Anam	Regional Officer, Flight Safety
91. Mr. Jiazheng Gu	Safety Oversight Officer
92. Mr. Leonard Wicks	Regional Officer, Air Traffic Management and Search And Rescue
93. Mr. Takata Hiroyuki	Regional Officer, Air Traffic Management, Regional Sub Office
94. Mr. Luo Yi	Regional Officer, Communications, Navigation and Surveillance
95. Ms. Soniya Nibhani	Regional Officer, Air Navigation Systems (CNS) Implementation
96. Mr. Steven Ka Ho Pang	Regional Officer, Aerodromes and Ground Aids
97. Mr. Han Chee Chew	Air Traffic Management Officer
98. Ms. Anchalee Gulati	Administrative Officer
99. Ms. Aemiga Sirivichitvorakarn	Programme Assistant Flight Safety / Aviation Security and Facilitation
100. Ms. Chananphorn Sakdanuphap	Administrative Associate
101. Ms. Patoomrat Kamboonrat	Personal Associate
102. Mr. Philip Owora	IT Consultant
ICAO - Cooperative Development of Operational Safety & Continuing Airworthiness Programme - South Asia (COSCAP-SA)	
103. Capt. Marie Zubryckj	Programme Coordinator / Chief Technical Adviser
ICAO - Cooperative Aviation Security Programme – Asia Pacific (CASP-AP)	
104. Ms. Lita Lee	Training and Capacity Building Officer

LIST OF PRESENTATIONS

Agenda Item	Title	Presenter(s)/Author(s)
2	Economic Impact of COVID-19 on Civil Aviation	Secretariat
2	Covid-19 Response and Recovery Implementation Center (CRRIC) - APAC State Activity Status	Secretariat
3	Progress Report – Public Health Sub-Group	Public Health Sub-Group Rapporteur
3	Progress Report – Safety Sub-Group	Safety Sub-Group Rapporteur
4	U.S. COVID-19 Vaccinations	Federal Aviation Administration
4	Confident Travel Initiative	Boeing
4	Keep Trust in Air Travel	Airbus
4	Logistical Process of Handling COVID-19 Cargo at Delhi Airport	Delhi International Airport Ltd.
4	Vaccination: Singapore’s Experience	Singapore
4	ROK’s COVID-19 Vaccine Rollout Strategy for Aviation Workers	Republic of Korea
4	The new normal in terms of testing and vaccinations?	International Air Transport Association

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