

**ATTACHMENT 1** to the APANPIRG/36 Report



**ICAO**

*International Civil Aviation Organization*

**Thirty-Sixth Meeting of the Asia/Pacific Air Navigation  
Planning and Implementation Regional Group  
(APANPIRG/36)**

*Bangkok, Thailand, 24 to 26 November 2025*

**LIST OF PARTICIPANTS**

NAME		TITLE/ORGANIZATION	E-MAIL
<b>1. AUSTRALIA (4)</b>			
1.	Ms. Nicole Brzezawski	Executive Officer to the Deputy Chief Executive Officer Airservices Australia	<a href="mailto:nicole.brzezawski@airservicesaustralia.com">nicole.brzezawski@airservicesaustralia.com</a> ;
2.	Mr. Brad Parker	Manager, CNS/ATM Civil Aviation Safety Authority	<a href="mailto:brad.parker@casa.gov.au">brad.parker@casa.gov.au</a> ;
3.	Mr. Pradeep de Silva	Manager, International Relations Civil Aviation Safety Authority	<a href="mailto:pradeep.desilva@casa.gov.au">pradeep.desilva@casa.gov.au</a> ;
4.	Mr. Darren Angelo (Online)	Manager Aerodromes Operations, Regulatory Oversight Civil Aviation Safety Authority	<a href="mailto:darren.angelo@casa.gov.au">darren.angelo@casa.gov.au</a> ;
<b>2. BHUTAN (3)</b>			
5.	Mr. Karma Yonten	Chief of Air Navigation Service Division Department of Air Transport Ministry of Infrastructure and Transport	<a href="mailto:kyonten@doat.gov.bt">kyonten@doat.gov.bt</a> ;
6.	Ms. Ugyen Lhamo	Meteorology/Hydrology Officer National Center for Hydrology and Meteorology/Meteorological Services Division	<a href="mailto:ulhamo@nchm.gov.bt">ulhamo@nchm.gov.bt</a> ; <a href="mailto:ugyenmomdad@gmail.com">ugyenmomdad@gmail.com</a> ;
7.	Mr. Kencho Tshering	Aeronautical Information Service Officer Bhutan Civil Aviation Authority	<a href="mailto:ktshering@bcaa.gov.bt">ktshering@bcaa.gov.bt</a> ;
<b>3. BRUNEI DARUSSALAM (2)</b>			
8.	Mr. Mohamad Fauzi bin Mohamad Sidek	Deputy Director if Civil Aviation (Regulator) Department of Civil Aviation, Brunei Darussalam	<a href="mailto:fauzi.sidek@dca.gov.bn">fauzi.sidek@dca.gov.bn</a> ;
9.	Mr. Hafizul bin Abdul Hamid	Head of Air Navigation Services Department of Civil Aviation, Brunei Darussalam	<a href="mailto:hafizul.hamid@dca.gov.bn">hafizul.hamid@dca.gov.bn</a> ;
<b>4. CHINA (4)</b>			
10.	Mr. LI Ning	Director of ATS/AIS Division, Air Traffic Regulation Office Civil Aviation Administration of China	<a href="mailto:lining@caac.gov.cn">lining@caac.gov.cn</a> ;
11.	Ms. PAN Jie	Assistant of CNS Division, Air Traffic Regulation Office Civil Aviation Administration of China	<a href="mailto:panjie@caac.gov.cn">panjie@caac.gov.cn</a> ;
12.	Mr. TU Kun	Airport department Civil Aviation Administration of China	<a href="mailto:tukun@caac.gov.cn">tukun@caac.gov.cn</a> ;
13.	Mr. WANG Wei	Deputy director of MET Division Air Traffic Management Bureau Civil Aviation Administration of China	<a href="mailto:wangwei@atmb.net.cn">wangwei@atmb.net.cn</a> ;

**ATTACHMENT 1** to the APANPIRG/36 Report

**LIST OF PARTICIPANTS**

NAME	TITLE/ORGANIZATION	E-MAIL
<b>5. HONG KONG CHINA (4)</b>		
14.	Mr. M H Hui (Online)	Assistant Director-General of Civil Aviation (Air Traffic Management) Civil Aviation Department <a href="mailto:mhhui@cad.gov.hk">mhhui@cad.gov.hk</a> ;
15.	Mr. Tak Yuen WONG, George	Chief Electronics Engineer Civil Aviation Department <a href="mailto:gtywong@cad.gov.hk">gtywong@cad.gov.hk</a> ;
16.	Ms. Alice KONG	Senior Evaluation Officer (1) Civil Aviation Department <a href="mailto:akong@cad.gov.hk">akong@cad.gov.hk</a> ;
17.	Ms. Yumi TUNG	Electronics Engineer Civil Aviation Department <a href="mailto:yymtung@cad.gov.hk">yymtung@cad.gov.hk</a> ;
<b>6. MACAO CHINA (2)</b>		
18.	Mr. LAO Weng Kin	Assistant Safety Officer, AACM Civil Aviation Authority of Macao <a href="mailto:tonylao@aacm.gov.mo">tonylao@aacm.gov.mo</a> ;
19.	Mr. PUN Sio Kuong	Safety Officer, AACM Civil Aviation Authority of Macao <a href="mailto:samsonpun@aacm.gov.mo">samsonpun@aacm.gov.mo</a> ;
<b>7. FIJI (3)</b>		
20.	Ms. Theresa Levestam	Chief Executive Civil Aviation Authority of Fiji <a href="mailto:ce@caaf.org.fj">ce@caaf.org.fj</a> ; <a href="mailto:teelevestam@gmail.com">teelevestam@gmail.com</a> ;
21.	Ms. Alisi Namoro	Executive Manager Ground Safety Civil Aviation Authority of Fiji <a href="mailto:emgs@caaf.org.fj">emgs@caaf.org.fj</a> ; <a href="mailto:alisinamoro1970@gmail.com">alisinamoro1970@gmail.com</a> ;
22.	Mr. Ratu Navula	Controller Standards / Search And Rescue – Air Traffic Management Fiji Airports <a href="mailto:lilimelekiN@fijiairports.com.fj">lilimelekiN@fijiairports.com.fj</a> ; <a href="mailto:inavula@gmail.com">inavula@gmail.com</a> ;
<b>FRANCE</b>		
<b>8. NEW CALEDONIA (1)</b>		
23.	Mr. Thierry Durigneux	Head of Air Navigation Service New Caledonia <a href="mailto:thierry.durigneux@aviation-civile.gouv.fr">thierry.durigneux@aviation-civile.gouv.fr</a> ;
<b>9. INDIA (6)</b>		
24.	Mr. Bharat Bhushan	Joint Director General Directorate General of Civil Aviation <a href="mailto:bbhushan.dgca@nic.in">bbhushan.dgca@nic.in</a> ;
25.	Mr. SLV Santhosh David	Deputy Director Directorate General of Civil Aviation <a href="mailto:slvsdavid.dgca@gov.in">slvsdavid.dgca@gov.in</a> ;
26.	Mr. Shibu Robert	General Manager ATM-ATFM CHQ Airports Authority of India
27.	Mr. Anil Kumar S	General Manager CNS-QA CHQ Airports Authority of India
28.	Mr. Joydeep Purkayastha	General Manager ATM-SQMS CHQ Airports Authority of India
29.	Mr. Hemant Murli Ramchandani	General Manager CNS-COM CHQ Airports Authority of India
<b>10. INDONESIA (5)</b>		
30.	Mr. Syamsu Rizal	Director of Air Navigation Directorate General of Civil Aviation (DGCA) <a href="mailto:dnp@kemenhub.go.id">dnp@kemenhub.go.id</a> ; <a href="mailto:rizalazis@yahoo.com">rizalazis@yahoo.com</a> ;
31.	Mr. Taruna Jaya	Deputy Director of Air Navigation of Standardisation and Procedure Directorate General of Civil Aviation (DGCA) <a href="mailto:Taruna_jaya@yahoo.com">Taruna_jaya@yahoo.com</a> ;

**ATTACHMENT 1** to the APANPIRG/36 Report

**LIST OF PARTICIPANTS**

NAME		TITLE/ORGANIZATION	E-MAIL
	32. Ms. Ika Septiana Sari	Air Navigation Inspector / Chief of Unmanned Aircraft Operation Directorate General of Civil Aviation (DGCA)	<a href="mailto:ika.saridnp@gmail.com">ika.saridnp@gmail.com</a> ;
	33. Mr. Roy Johanis	Executive Vice President of Air Navigation Services Planning AirNav Indonesia	<a href="mailto:suryadi.wiratmo@airnavindonesia.co.id">suryadi.wiratmo@airnavindonesia.co.id</a> ; <a href="mailto:suryadi_atco@yahoo.com">suryadi_atco@yahoo.com</a> ;
	34. Mr. Suryadi Joko Wiratmo	Executive Vice President of Air Navigation Control AirNav Indonesia	<a href="mailto:roy.johanis@airnavindonesia.co.id">roy.johanis@airnavindonesia.co.id</a> ; <a href="mailto:roy.johanis@yahoo.com">roy.johanis@yahoo.com</a> ;
<b>11.</b>	<b>JAPAN (3)</b>		
	35. Mr. Fumihiko Kaneko	Director, Air Navigation Service Planning Division Japan Civil Aviation Bureau	<a href="mailto:kaneko-f2t3@mlit.go.jp">kaneko-f2t3@mlit.go.jp</a> ;
	36. Ms. Akiko Sakai	Director, Air Traffic International Affairs Office, Air Navigation Services Planning Division, Air Navigation Services Department Japan Civil Aviation Bureau	<a href="mailto:sakai-a43cr@mlit.go.jp">sakai-a43cr@mlit.go.jp</a> ;
	37. Ms. Kyoko Sato	Special Assistant to the Director, Air Traffic International Affairs Office, Japan Civil Aviation Bureau	<a href="mailto:satoh-k05zb@mlit.go.jp">satoh-k05zb@mlit.go.jp</a> ;
<b>12.</b>	<b>LAO PDR (9)</b>		
	38. Mr. Sohnsacksit Khamkeo	Director, Air Navigation Standards Division Department of Civil Aviation of Lao PDR	<a href="mailto:saykhamkeo@gmail.com">saykhamkeo@gmail.com</a> ; <a href="mailto:khamkeosay@outlook.com">khamkeosay@outlook.com</a> ;
	39. Ms. Soukanya Vayaphath	Air Navigation Standards Division Officer Department of Civil Aviation of Lao PDR	<a href="mailto:soukanya_n@yahoo.com">soukanya_n@yahoo.com</a> ;
	40. Mr. Amdounla Salinthone	General Director Lao Air Navigation Services (LANS)	<a href="mailto:asalinthone@gmail.com">asalinthone@gmail.com</a> ;
	41. Mr. Xaysavanh Kittanouvong	Deputy General Director Lao Air Navigation Services (LANS)	<a href="mailto:Xays.kitta@gmail.com">Xays.kitta@gmail.com</a> ;
	42. Mr. Maity Sylithammavong	Director of Air Traffic Services Office Lao Air Navigation Services (LANS)	<a href="mailto:maitymt1975@gmail.com">maitymt1975@gmail.com</a> ;
	43. Mr. Somphavanh Kingsada	Director of CNS Office Lao Air Navigation Services (LANS)	<a href="mailto:somphavanhking@gmail.com">somphavanhking@gmail.com</a> ;
	44. Mr. Xaygnasith Xouymanivong	Deputy Director of Air Traffic Services Office Lao Air Navigation Services (LANS)	<a href="mailto:xaygnasith@gmail.com">xaygnasith@gmail.com</a> ;
	45. Mr. Boundone Ratanalangsy	Deputy Director of CNS/MET Office Lao Air Navigation Services (LANS)	<a href="mailto:Mrboundone1967@gmail.com">Mrboundone1967@gmail.com</a> ;
	46. Ms. Phouthasone Sihathep	Deputy Director of Planning Office Lao Air Navigation Services (LANS)	<a href="mailto:Phouthasonesihathep@gmail.com">Phouthasonesihathep@gmail.com</a> ;
<b>13.</b>	<b>MALAYSIA (3)</b>		
	47. Mr. Zainul Abidin Bin Maslan	Deputy Chief Executive Officer (Operations) Civil Aviation Authority of Malaysia	<a href="mailto:luniaz@caam.gov.my">luniaz@caam.gov.my</a> ;
	48. Mr. Md Nastain Bin Mahazur	Director of Air Navigation Services Safety Div. Civil Aviation Authority of Malaysia	<a href="mailto:mdnastain@caam.gov.my">mdnastain@caam.gov.my</a> ;
	49. Mr. Raja Amsyar Hillman Raja Badrul Hisham	Director Civil Aviation Authority of Malaysia	<a href="mailto:r.amsyarhillman@caam.gov.my">r.amsyarhillman@caam.gov.my</a> ;

**ATTACHMENT 1** to the APANPIRG/36 Report

**LIST OF PARTICIPANTS**

NAME		TITLE/ORGANIZATION	E-MAIL
<b>14.</b>	<b>MALDIVES (2)</b>		
50.	Ms. Fathimath Ramiza	Director, Air Navigation & Aerodromes Maldives Civil Aviation Authority	<a href="mailto:ramiza@caa.gov.mv">ramiza@caa.gov.mv</a> ; <a href="mailto:ans@caa.gov.mv">ans@caa.gov.mv</a> ;
51.	Mr. Ibrahim Thoha	Managing Director Maldives National Air Traffic Service Maldives Airports Company Limited	<a href="mailto:md@mnats.aero">md@mnats.aero</a> ; <a href="mailto:thoha@macl.aero">thoha@macl.aero</a> ;
<b>15.</b>	<b>MONGOLIA (4)</b>		
52.	Mr. Nomin-Erdene Bujiimaa	Policy Implementation Officer of Civil Aviation Policy Implementation Department Civil Aviation Authority of Mongolia	<a href="mailto:b.nominerdene@mcaa.gov.mn">b.nominerdene@mcaa.gov.mn</a> ;
53.	Mr. Mandkhai Batjit	Civil Aviation Oversight Inspector, Civil Aviation Policy Implementation Department Civil Aviation Authority of Mongolia	<a href="mailto:mandkhai.b@mcaa.gov.mn">mandkhai.b@mcaa.gov.mn</a> ;
54.	Mr. Enkhmunkh Enkhbold	Director of Policy and Planning Department National Civil Aviation Centre	<a href="mailto:Enkhmunkh.e@ncac.mn">Enkhmunkh.e@ncac.mn</a> ;
55.	Mr. Gantugs Purevsuren	Director of Safety and Quality Management Department National Civil Aviation Centre	<a href="mailto:Gantugs_pn@ncac.mn">Gantugs_pn@ncac.mn</a> ;
<b>16.</b>	<b>NEW ZEALAND (2)</b>		
56.	Ms. Paula Acethorp	Chief Meteorological Officer Civil Aviation Authority of New Zealand	<a href="mailto:Paula.Acethorp@caa.govt.nz">Paula.Acethorp@caa.govt.nz</a> ;
57.	Mr. Sean Rogers	Head of Aeronautical Services Civil Aviation Authority of New Zealand	<a href="mailto:sean.rogers@caa.govt.nz">sean.rogers@caa.govt.nz</a> ;
<b>17.</b>	<b>PAKISTAN (3)</b>		
58.	Mr. Muhammad Asif	Joint Director (ATM) Pakistan Civil Aviation Authority	<a href="mailto:Asif.muhammad@pcaa.gov.pk">Asif.muhammad@pcaa.gov.pk</a> ; <a href="mailto:m.asif.awan.caa@gmail.com">m.asif.awan.caa@gmail.com</a> ;
59.	Mr. Shafiq-ur-Rehman	Additional Director Operations (ATS) Pakistan Airports Authority	<a href="mailto:adldops.atm@paa.gov.pk">adldops.atm@paa.gov.pk</a> ;
60.	Mr. Wajid Ali	Senior Joint Director Operations (ATS) Pakistan Airports Authority	<a href="mailto:wajid.ali@paa.gov.pk">wajid.ali@paa.gov.pk</a> ;
<b>18.</b>	<b>PAPUA NEW GUINEA (2)</b>		
61.	Mr. Percy H Sukbat	Executive Manager, Aviation Facilities Division Civil Aviation Safety Authority of Papua New Guinea	<a href="mailto:psukbat@casapng.gov.pg">psukbat@casapng.gov.pg</a> ; <a href="mailto:psukbat@gmail.com">psukbat@gmail.com</a> ;
62.	Mr. Luya Hegawe	Senior Air Traffic Services Inspector Civil Aviation Safety Authority of Papua New Guinea	<a href="mailto:lhewawe@casapng.gov.pg">lhewawe@casapng.gov.pg</a> ; <a href="mailto:luja.hegawe@gmail.com">luja.hegawe@gmail.com</a> ;
<b>19.</b>	<b>PHILIPPINES (1)</b>		
63.	Mr. Gary M. Jadie	Department Manager III, Air Navigation Service Civil Aviation Authority of the Philippines	<a href="mailto:garymjadie@caap.gov.ph">garymjadie@caap.gov.ph</a> ; <a href="mailto:ans_chief@caap.gov.ph">ans_chief@caap.gov.ph</a> ;
<b>20.</b>	<b>REPUBLIC OF KOREA (9)</b>		
64.	Mr. Joon Soo Park	Director of ATM Division Ministry of Land, Infrastructure, Transport	<a href="mailto:pansops@korea.kr">pansops@korea.kr</a> ;
65.	Ms. Eun Kyeong Choi	Assistant Director Ministry of Land, Infrastructure, Transport	<a href="mailto:Ssarada333@korea.kr">Ssarada333@korea.kr</a> ;

**ATTACHMENT 1** to the APANPIRG/36 Report

**LIST OF PARTICIPANTS**

NAME		TITLE/ORGANIZATION	E-MAIL
66.	Mr. Han Bee Choi	Assistant Director Ministry of Land, Infrastructure, Transport	<a href="mailto:koratc@korea.kr">koratc@korea.kr</a> ;
67.	Ms. Moon Young Choi	Assistant Director Ministry of Land, Infrastructure, Transport	<a href="mailto:moonyoung@korea.kr">moonyoung@korea.kr</a> ;
68.	Mr. Seongwon Choi	Assistant Director Ministry of Land, Infrastructure, Transport	<a href="mailto:sweetguy@korea.kr">sweetguy@korea.kr</a> ;
69.	Ms. Hyo Jin Kim	Assistant Director Ministry of Land, Infrastructure, Transport	<a href="mailto:Hgk4321@korea.kr">Hgk4321@korea.kr</a> ;
70.	Ms. Young Ae Kim	Deputy Director, Aviation Meteorological Office of Korea Meteorological Administration	<a href="mailto:yakim0191@korea.kr">yakim0191@korea.kr</a> ;
71.	Ms. Sinae Park	Assistant Director, Aviation Meteorological Office of Korea Meteorological Administration	<a href="mailto:pas8520@korea.kr">pas8520@korea.kr</a> ;
72.	Mr. Min Joo Jung	Senior Researcher Ministry of Land, Infrastructure, Transport	<a href="mailto:chung@kiast.or.kr">chung@kiast.or.kr</a> ;
<b>21.</b>	<b>SAMOA (2)</b>		
73.	Ms. Yvonne T Mariner- Viliamu	Director of Civil Aviation Ministry of Works, Transport & Infrastructure	<a href="mailto:yvonne.mariner@mwti.gov.ws">yvonne.mariner@mwti.gov.ws</a> ; <a href="mailto:yvomariner@gmail.com">yvomariner@gmail.com</a> ;
74.	Ms. Venice Roebeck	Principal Technical Officer – Civil Aviation Division	<a href="mailto:Venice.roebeck@mwti.gov.ws">Venice.roebeck@mwti.gov.ws</a> ; <a href="mailto:roebeckvenice@gmail.com">roebeckvenice@gmail.com</a> ;
<b>22.</b>	<b>SINGAPORE (8)</b>		
75.	Mr. Han Kok Juan	Director-General Civil Aviation Authority of Singapore	<a href="mailto:Han_Kok_Juan@caas.gov.sg">Han_Kok_Juan@caas.gov.sg</a> ;
76.	Mr. Kuah Kong Beng	Director (Special Projects), NGPO Civil Aviation Authority of Singapore	<a href="mailto:kuah_kong_beng@caas.gov.sg">kuah_kong_beng@caas.gov.sg</a> ;
77.	Mr. Vincent Hwa	Director (Air Traffic Services) Civil Aviation Authority of Singapore	<a href="mailto:Vincent_Hwa@caas.gov.sg">Vincent_Hwa@caas.gov.sg</a> ;
78.	Mr. Hansel Chen	Head (Air Traffic Management – Regional Collaboration) Civil Aviation Authority of Singapore	<a href="mailto:Hansel_Chen@caas.gov.sg">Hansel_Chen@caas.gov.sg</a> ;
79.	Mr. Chew Han Chee	Principal ATC Manager (ATM – Regional Collaboration) Civil Aviation Authority of Singapore	<a href="mailto:Chew_han_chee@caas.gov.sg">Chew_han_chee@caas.gov.sg</a> ;
80.	Mr. Ho Wee Sin	Deputy Director (Air Traffic Management), ANSE Civil Aviation of Authority of Singapore	<a href="mailto:Ho_Wee_Sin@caas.gov.sg">Ho_Wee_Sin@caas.gov.sg</a> ;
81.	Ms. He Peiru	Chief (Air Traffic Management 2 / Regional Air Traffic Management) Civil Aviation Authority of Singapore	<a href="mailto:He_peiru@caas.gov.sg">He_peiru@caas.gov.sg</a> ;
82.	Ms. Amelia Yeo	Senior Air Traffic Control Manager (Air Traffic Management – Regional Collaboration) Civil Aviation Authority of Singapore	<a href="mailto:Amelia_Yeo@caas.gov.sg">Amelia_Yeo@caas.gov.sg</a> ;
<b>23.</b>	<b>SRI LANKA (1)</b>		
83.	Mr. Kalum Prasanna Munasinghe Arachchige	Deputy Director General – Aeronautical Services Regulations Civil Aviation Authority of Sri Lanka	<a href="mailto:ddgasr@caa.lk">ddgasr@caa.lk</a> ;

**ATTACHMENT 1** to the APANPIRG/36 Report

**LIST OF PARTICIPANTS**

NAME		TITLE/ORGANIZATION	E-MAIL
<b>24.</b>	<b>TIMOR-LESTE (4)</b>		
	84. Mr. Zezinho António Filomeno Gusmão	President of the Board Civil Aviation Authority of Timor-Leste	<a href="mailto:zafgusmao@aaclt.gov.tl">zafgusmao@aaclt.gov.tl</a> ;
	85. Mr. José Nívio de Fátima Soares	Director of Licensing and Market Access Civil Aviation Authority of Timor-Leste	<a href="mailto:jnsoaress@aaclt.gov.tl">jnsoaress@aaclt.gov.tl</a> ; <a href="mailto:jsnivio@gmail.com">jsnivio@gmail.com</a> ;
	86. Mr. Carlito Noronha	Chief Department of PEL and Training, Air Navigation Directorate Civil Aviation Authority of Timor-Leste	<a href="mailto:cnoronha@aaclt.gov.tl">cnoronha@aaclt.gov.tl</a> ; <a href="mailto:manewalun88@gmail.com">manewalun88@gmail.com</a> ;
	87. Ms. Keyra Cyara Araújo Carrascalão Campos	Administration Support Officer Civil Aviation Authority of Timor-Leste	<a href="mailto:kikicyara@outlook.com">kikicyara@outlook.com</a> ;
<b>25.</b>	<b>THAILAND (38)</b>		
	88. Air Chief Marshal Manat Chavanaprayoon	Director-General The Civil Aviation Authority of Thailand	<a href="mailto:Inter_focalpoint@caat.or.th">Inter_focalpoint@caat.or.th</a> ;
	89. Pilot Officer Jeerawut Chavanaprayoon	Personal Staff Officer to Director General The Civil Aviation Authority of Thailand	<a href="mailto:Jeerawut.c@caat.or.th">Jeerawut.c@caat.or.th</a> ;
	90. Ms. Tawika Huayhongthong	Manager of Air Navigation Services Standards Department 12 The Civil Aviation Authority of Thailand	<a href="mailto:tawika.h@caat.or.th">tawika.h@caat.or.th</a> ;
	91. Mr. Buntoeng Megchai	Manager of Air Navigation Operations Management Department 12 The Civil Aviation Authority of Thailand	<a href="mailto:buntoeng.m@caat.or.th">buntoeng.m@caat.or.th</a> ;
	92. Ms. Haruethai Pattanapisudtichai	Head of Air Traffic Standards Division 10 The Civil Aviation Authority of Thailand	<a href="mailto:haruethai.p@caat.or.th">haruethai.p@caat.or.th</a> ;
	93. Mr. Sarawoot Rungruengwajjake	Head of Communication, Navigation and Surveillance Standard Division 10	<a href="mailto:sarawoot.r@caat.or.th">sarawoot.r@caat.or.th</a> ;
	94. Ms. Chalinthra Thanakankorn	Head of Aeronautical Search and Rescue Standard Division 10 The Civil Aviation Authority of Thailand	<a href="mailto:chalinthra.t@caat.or.th">chalinthra.t@caat.or.th</a> ;
	95. Mr. Jakrin Kutantham	Head of Air Navigation Services Standards Development Division 10 The Civil Aviation Authority of Thailand	<a href="mailto:jakrin.k@caat.or.th">jakrin.k@caat.or.th</a> ;
	96. Ms. Vanatta Noipan	Head of Aeronautical Meteorology Standards Division 9 The Civil Aviation Authority of Thailand	<a href="mailto:vanatta.n@caat.or.th">vanatta.n@caat.or.th</a> ;
	97. Mr. Karan Chantrong	Senior Air Navigation Services Standards Officer 8 The Civil Aviation Authority of Thailand	<a href="mailto:karan.c@caat.or.th">karan.c@caat.or.th</a> ;
	98. Mr. Chavalit Ithiapa	Senior Air Navigation Services Standards Officer 8 The Civil Aviation Authority of Thailand	<a href="mailto:Chavalit.i@caat.or.th">Chavalit.i@caat.or.th</a> ;
	99. Mr. Thamawoot Pocathikorn	Senior Air Navigation Services Standards Officer 8 The Civil Aviation Authority of Thailand	<a href="mailto:thamawoot.p@caat.or.th">thamawoot.p@caat.or.th</a> ;
	100. Ms. Sireetorn Aimsomboon	Senior Air Navigation Services Standards Officer 7 The Civil Aviation Authority of Thailand	<a href="mailto:sireetorn.a@caat.or.th">sireetorn.a@caat.or.th</a> ;
	101. Mr. Kananant Na Nakorn	Standards Development Officer 6 The Civil Aviation Authority of Thailand	<a href="mailto:kananant.n@caat.or.th">kananant.n@caat.or.th</a> ;

**ATTACHMENT 1** to the APANPIRG/36 Report

**LIST OF PARTICIPANTS**

NAME		TITLE/ORGANIZATION	E-MAIL
102	Mr. Teeravee Yongwattanaajiranon	Senior Aerodrome Standards Development Officer 7 The Civil Aviation Authority of Thailand	<a href="mailto:teeravee.y@caat.or.th">teeravee.y@caat.or.th</a> ;
103	Ms. Pinthong Choungchot	Senior Aerodrome Standards Development Officer 7 The Civil Aviation Authority of Thailand	<a href="mailto:Pinthong.c@caat.or.th">Pinthong.c@caat.or.th</a> ;
104	Ms. Jenita Chantranon	Aerodrome Standards Officer 6 The Civil Aviation Authority of Thailand	<a href="mailto:jenita.c@caat.or.th">jenita.c@caat.or.th</a> ;
105	Ms. Nattha Inluemsai	Senior Air Navigation Operation Planning Division Officer 8 The Civil Aviation Authority of Thailand	<a href="mailto:nattha.i@caat.or.th">nattha.i@caat.or.th</a> ;
106	Mr. Nitchaphon Chuaprang	Senior Air Navigation Operation Planning Division Officer 8 The Civil Aviation Authority of Thailand	<a href="mailto:nitchaphon.c@caat.or.th">nitchaphon.c@caat.or.th</a> ;
107	Mr. Chaiwat Saekhew	Senior Air Navigation Operation Planning Division Officer 7 The Civil Aviation Authority of Thailand	<a href="mailto:chaiwat.s@caat.or.th">chaiwat.s@caat.or.th</a> ;
108	Ms. Kamonchanok Chuamnat	Senior Air Navigation Operation Planning Division Officer 7 The Civil Aviation Authority of Thailand	<a href="mailto:Kamonchanok.c@caat.or.th">Kamonchanok.c@caat.or.th</a> ;
109	Ms. Irin Tubtong	Air Navigation Operation Planning Division Officer 5 The Civil Aviation Authority of Thailand	<a href="mailto:irin.t@caat.or.th">irin.t@caat.or.th</a> ;
110	Mr. Jeerapat Chotsaengthong	Air Navigation Operation Planning Division Officer 5 The Civil Aviation Authority of Thailand	<a href="mailto:Jeerapat.c@caat.or.th">Jeerapat.c@caat.or.th</a> ;
111	Ms. Supattra Tassarot	Senior Officer, Air Navigation Operation Management Department The Civil Aviation Authority of Thailand	<a href="mailto:Supattra.t@caat.or.th">Supattra.t@caat.or.th</a> ;
112	Sqn.Ldr. Paytye Junphuang	Director of Aviation Services Standard Division, Aviation Services Standard Department Airports of Thailand Public Company Limited	<a href="mailto:paytye.junph@airportthai.co.th">paytye.junph@airportthai.co.th</a> ;
113	Ms. Kamonwan Bumrungsilp	Aerodrome Safety Specialist Airports of Thailand Public Company Limited	<a href="mailto:kamonwan.b@airportthai.co.th">kamonwan.b@airportthai.co.th</a> ;
114	Ms. Wilasinee Phangam	Transport Technical Officer Department of Airports (DOA)	<a href="mailto:Wilasinee.p@airports.go.th">Wilasinee.p@airports.go.th</a> ;
115	Ms. Ploykaprib Soralump	Transport Technical Officer, Practitioner Level Department of Airports (DOA)	<a href="mailto:ploykaprib.s@airports.go.th">ploykaprib.s@airports.go.th</a> ; <a href="mailto:ploykaprib.s@gmail.com">ploykaprib.s@gmail.com</a> ;
116	Ms. Thanavadee Tepanondh	Transport Technical Officer, Professional Level Department of Airports (DOA)	<a href="mailto:Thanavadee.t@airports.go.th">Thanavadee.t@airports.go.th</a> ;
117	Mr. Nawat Sukhopala	Transport Technical Officer Practitioner Level Department of Airports (DOA)	<a href="mailto:nawat.s@airports.go.th">nawat.s@airports.go.th</a> ; <a href="mailto:nawatsukhopala@gmail.com">nawatsukhopala@gmail.com</a> ;
118	Ms. Paweena Panikodom	Senior Meteorologist, Aeronautical Meteorological Division Thai Meteorological Department	<a href="mailto:Pavna55@hotmail.com">Pavna55@hotmail.com</a> ; <a href="mailto:panikodom.1971@gmail.com">panikodom.1971@gmail.com</a> ;

**ATTACHMENT 1** to the APANPIRG/36 Report

**LIST OF PARTICIPANTS**

NAME		TITLE/ORGANIZATION	E-MAIL
119	Mr. Pongkhun Maneesri	Meteorologist, Professional Level Aeronautical Meteorological Division Thai Meteorological Department	<a href="mailto:pongkhun@gmail.com">pongkhun@gmail.com</a> ; <a href="mailto:monitoring.aeromet@outlook.com">monitoring.aeromet@outlook.com</a> ;
120	Ms. Parichart Saraisuwan	Meteorologist, Professional Level Aeronautical Meteorological Division Thai Meteorological Department	<a href="mailto:parichart.tmd@gmail.com">parichart.tmd@gmail.com</a> ; <a href="mailto:porprc@hotmail.com">porprc@hotmail.com</a> ;
121	Ms. Sunisa Raddussadee	Senior Director, Air Traffic Management Network Bureau Aeronautical Radio of Thailand Limited	<a href="mailto:sunisa.ra@aerothai.co.th">sunisa.ra@aerothai.co.th</a> ;
122	Mr. Piboonseth Sombattheera	Senior Director, Air Traffic Services Engineering Bureau Aeronautical Radio of Thailand Limited	<a href="mailto:piboonseth.so@aerothai.co.th">piboonseth.so@aerothai.co.th</a> ;
123	Ms. Saifon Obromsook	Director, Safety Management Department Aeronautical Radio of Thailand Limited	<a href="mailto:saifon.ob@aerothai.co.th">saifon.ob@aerothai.co.th</a> ;
124	Mr. Piyawut Tantimekabut	Expert, Director Level Aeronautical Radio of Thailand Limited	<a href="mailto:piyawut.ta@aerothai.co.th">piyawut.ta@aerothai.co.th</a> ;
125	Ms. Amornrat Jirattigalachote	Expert, Director Level Aeronautical Radio of Thailand Limited	<a href="mailto:amornrat.ji@aerothai.co.th">amornrat.ji@aerothai.co.th</a> ;
<b>26.</b>	<b>UNITED STATES (3)</b>		
126	Ms. Natalie Randolph	FAA Director, Asia Pacific Region (Acting) Federal Aviation Administration – IAO	<a href="mailto:Natalie.Randolph@faa.gov">Natalie.Randolph@faa.gov</a> ;
127	Mr. Shayne Campbell	Senior Air Traffic Representative, Asia Pacific Federal Aviation Administration	<a href="mailto:Shayne.A.Campbell@faa.gov">Shayne.A.Campbell@faa.gov</a> ;
128	Mr. Chad Brewer	Foreign Affairs Specialist/SEI WG co-chair (State) Office of International Affairs Federal Aviation Administration	<a href="mailto:Chad.Brewer@faa.gov">Chad.Brewer@faa.gov</a> ;
<b>27.</b>	<b>VANUATU (2)</b>		
129	Ms. Grace Naparau	Director Civil Aviation Authority of Vanuatu	<a href="mailto:gnaparau@caav.vu">gnaparau@caav.vu</a> ; <a href="mailto:gnaparau@vanuatu.gov.vu">gnaparau@vanuatu.gov.vu</a> ;
130	Mr. Pelensly Pele Lulu	Air Navigation Services Manager Civil Aviation Authority of Vanuatu	<a href="mailto:plulu@caav.vu">plulu@caav.vu</a> ;
<b>28.</b>	<b>VIET NAM (5)</b>		
131	Mrs. Tran Duc Hoai Phuong	Deputy Director, Air Navigation Department Civil Aviation Authority of Viet Nam	<a href="mailto:phuongtd@caa.gov.vn">phuongtd@caa.gov.vn</a> ;
132	Mr. Vu Xuan Linh	Airworthiness Inspector, Flight Safety Standards Department Civil Aviation Authority of Viet Nam	<a href="mailto:linhvx@caa.gov.vn">linhvx@caa.gov.vn</a> ; <a href="mailto:linhvx.caav@gmail.com">linhvx.caav@gmail.com</a> ;
133	Mrs. Quach Kim Thinh	Aerodrome Inspector, Airport Management Department Civil Aviation Authority of Viet Nam	<a href="mailto:quachthinh@caa.gov.vn">quachthinh@caa.gov.vn</a> ; <a href="mailto:quachkt@gmail.com">quachkt@gmail.com</a> ;
134	Mr. Nguyen Huu Duc	Deputy Director, Safety and Quality Department Viet Nam Air Traffic Management Corporation	<a href="mailto:nguyenhuuduc@vatm.vn">nguyenhuuduc@vatm.vn</a> ;
135	Mr. Nguyen Tien Giang	Deputy Director, ATS Department Viet Nam Air Traffic Management Corporation	<a href="mailto:ntgiang@vatm.vn">ntgiang@vatm.vn</a> ;

**ATTACHMENT 1** to the APANPIRG/36 Report

**LIST OF PARTICIPANTS**

NAME	TITLE/ORGANIZATION	E-MAIL
<b>INTERNATIONAL ORGANIZATIONS</b>		
<b>1. CANSO (1)</b>		
136	Mr. SOH Poh Theen Director Asia Pacific Affairs CANSO Civil Air Navigation Services Organization Singapore	<a href="mailto:poh.theen.soh@canso.org">poh.theen.soh@canso.org</a> ; <a href="mailto:apac@canso.org">apac@canso.org</a> ;
<b>2. EASA (2)</b>		
137	Mr. David V. Waller EASA Representative in South East Asia European Union Aviation Safety Agency	<a href="mailto:david.waller@easa.europa.eu">david.waller@easa.europa.eu</a> ;
138	Mr. Daniel Cruz Bangkok Project Office Manager. ATM/ANS Expert European Union Aviation Safety Agency	<a href="mailto:daniel.cruz.ext@easa.europa.eu">daniel.cruz.ext@easa.europa.eu</a> ;
<b>3. IATA (2)</b>		
139	Dr. Xingquan Xie Regional Vice President, North Asia, IATA	<a href="mailto:xiex@iata.org">xiex@iata.org</a> ;
140	Mr. Peng Dou Regional Director Operations, Safety and Security, North Asia, IATA	<a href="mailto:doup@iata.org">doup@iata.org</a> ;
<b>4. ICCAIA (5)</b>		
141	Mr. Diego Albert Director, APAC Sales ICCAIA	<a href="mailto:diego.albert@aireon.com">diego.albert@aireon.com</a> ;
142	Mr. Joe Holewa Manager, APAC Sales ICCAIA	<a href="mailto:joe.holewa@aireon.com">joe.holewa@aireon.com</a> ;
143	Mr. Andrew Nabarro Business Development Manager Asia ICCAIA	<a href="mailto:Andrew.Nabarro@thalesgroup.com">Andrew.Nabarro@thalesgroup.com</a> ;
144	Ms. Lilian Despujos Regional Sales Manager ICCAIA	<a href="mailto:Lilian.Despujos@thalesgroup.com.au">Lilian.Despujos@thalesgroup.com.au</a> ;
145	Ms. Helen Lee Regional Director of ATM and Airport Programs ICCAIA	<a href="mailto:helen.h.lee2@boeing.com">helen.h.lee2@boeing.com</a> ;
<b>5. IFALPA (1)</b>		
146	Captain Bill Bartels IFALPA Regional Vice President – Central E Pacific	<a href="mailto:bill.bartels@alpa.org">bill.bartels@alpa.org</a> ;
<b>6. ICAO Headquarters (1)</b>		
147	Mr. Elie Tanious El Khoury Technical Officer, Air Navigation Bureau Headquarters International Civil Aviation Organization	<a href="mailto:ekhoury@icao.int">ekhoury@icao.int</a> ;
<b>ICAO Regional Office (41)</b>		
148	Mr. Tao Ma Regional Director International Civil Aviation Organization	<a href="mailto:apac@icao.int">apac@icao.int</a> ;
149	Mr. Manjit Singh Deputy Regional Director International Civil Aviation Organization	<a href="mailto:msingh@icao.int">msingh@icao.int</a> ;
150	Ms. Patoomrat Kamboonrat Secretary to Head Of Office International Civil Aviation Organization	<a href="mailto:pkamboonrat@icao.int">pkamboonrat@icao.int</a> ;
151	Mr. Raphael Guillet Chief, Regional Sub-Office (RSO) International Civil Aviation Organization	<a href="mailto:rguillet@icao.int">rguillet@icao.int</a> ;

**ATTACHMENT 1** to the APANPIRG/36 Report

**LIST OF PARTICIPANTS**

NAME		TITLE/ORGANIZATION	E-MAIL
152	Mr. Manjunath Krishna Nelli (Online)	Regional Officer, Air Traffic Management Regional Sub-Office (RSO) International Civil Aviation Organization	<a href="mailto:mneli@icao.int">mneli@icao.int</a> ;
153	Mr. Kyal Barter	Pacific Small Island Developing States (PSIDS) Liaison Officer, ICAO	<a href="mailto:kbarter@icao.int">kbarter@icao.int</a> ;
154	Mr. Punya Raj Shakya	Regional Officer, Aerodrome & Ground Aids International Civil Aviation Organization	<a href="mailto:pshakya@icao.int">pshakya@icao.int</a> ;
155	Ms. Saranya Weerarakdecha	Aerodrome & Ground Aids Officer International Civil Aviation Organization	<a href="mailto:sweerarakdecha@icao.int">sweerarakdecha@icao.int</a> ;
156	Ms. Vivanya Kanchanaviroj	Programme Assistant, Aerodrome & Ground Aids International Civil Aviation Organization	<a href="mailto:vkanchanaviroj@icao.int">vkanchanaviroj@icao.int</a> ;
157	Mr. Hiroyuki Takata	Regional Officer, Air Traffic Management International Civil Aviation Organization	<a href="mailto:htakata@icao.int">htakata@icao.int</a> ;
158	Mr. Mior Adli Bin Mior Sallehuddin	Regional Officer, Air Traffic Management International Civil Aviation Organization	<a href="mailto:msallehuddin@icao.int">msallehuddin@icao.int</a> ;
159	Mr. Ying Weng Kit	Air Traffic Management Officer International Civil Aviation Organization	<a href="mailto:wying@icao.int">wying@icao.int</a> ;
160	Mr. Tak Chuen Chui (Anony)	Air Traffic Management Officer International Civil Aviation Organization	<a href="mailto:tchui@icao.int">tchui@icao.int</a> ;
161	Dr. Trish Prakayphet Chalayonnawin	Programme Analysis Associate, Air Traffic Management International Civil Aviation Organization	<a href="mailto:pchalayonnawin@icao.int">pchalayonnawin@icao.int</a> ;
162	Mr. Remington Low	Regional Officer, Aviation Security and Facilitation International Civil Aviation Organization	<a href="mailto:rlow@icao.int">rlow@icao.int</a> ;
163	Dr. Soniya Nibhani	Regional Officer, Communication, Navigation, and Surveillance International Civil Aviation Organization	<a href="mailto:snibhani@icao.int">snibhani@icao.int</a> ;
164	Mr. Zhang De (David)	Regional Officer, Communication, Navigation, and Surveillance International Civil Aviation Organization	<a href="mailto:dzhang@icao.int">dzhang@icao.int</a> ;
165	Ms. Xu Jian	Associate Programme Officer Communication, Navigation, and Surveillance International Civil Aviation Organization	<a href="mailto:jixu@icao.int">jixu@icao.int</a> ;
166	Ms. Varapan Meefuengsart	Programme Assistant, CNS/MET International Civil Aviation Organization	<a href="mailto:vmeeфуengsart@icao.int">vmeeфуengsart@icao.int</a> ;
167	Mr. S. M. Nazmul Anam	Regional Officer, Flight Safety International Civil Aviation Organization	<a href="mailto:sanam@icao.int">sanam@icao.int</a> ;
168	Mr. Atipong Dharmasaroja	Regional Officer, Safety Implementation International Civil Aviation Organization	<a href="mailto:adharmasaroja@icao.int">adharmasaroja@icao.int</a> ;
169	Ms. Aemiga Sirivichitvorakarn	Programme Assistant (Aviation Security And Flight Safety) International Civil Aviation Organization	<a href="mailto:asirivichitvorakarn@icao.int">asirivichitvorakarn@icao.int</a> ;
170	Mr. Peter Dunda	Regional Officer, Aeronautical Meteorology and Environment International Civil Aviation Organization	<a href="mailto:pdunda@icao.int">pdunda@icao.int</a>

**ATTACHMENT 1** to the APANPIRG/36 Report

**LIST OF PARTICIPANTS**

NAME		TITLE/ORGANIZATION	E-MAIL
171	Mr. Arif Fajari	Regional Officer, Environment and Climate Change International Civil Aviation Organization	<a href="mailto:arfajari@icao.int">arfajari@icao.int</a> ;
172	Mr. Raju Shrestha	Regional Officer, Technical Assistance International Civil Aviation Organization	<a href="mailto:rshrestha@icao.int">rshrestha@icao.int</a> ;
173	Mr. Farid Imam Wahyudin	Technical Assistance / Air Transport Officer International Civil Aviation Organization	<a href="mailto:fwahyudin@icao.int">fwahyudin@icao.int</a> ;
174	Ms. Wang Shan	Associate Technical Assistance Officer International Civil Aviation Organization	<a href="mailto:wangs@icao.int">wangs@icao.int</a> ;
175	Ms. Chananphorn Sakdanuphap	Administrative Associate, Technical Assistance International Civil Aviation Organization	<a href="mailto:csakdanuphap@icao.int">csakdanuphap@icao.int</a> ;
176	Ms. Anchalee Gulati	Administrative Officer International Civil Aviation Organization	<a href="mailto:agulati@icao.int">agulati@icao.int</a> ;
177	Ms. Pornrudee Ruthapichairak	Business Development Officer, Asia & Pacific International Civil Aviation Organization	<a href="mailto:pruthapichairak@icao.int">pruthapichairak@icao.int</a> ;
178	Mr. Surasak Noomjaroen	Senior Information Technology Associate International Civil Aviation Organization	<a href="mailto:snoomjaroen@icao.int">snoomjaroen@icao.int</a> ;
179	Mr. Seenivasan Madhaiyan	IT Consultant International Civil Aviation Organization	<a href="mailto:smadhaiyan@icao.int">smadhaiyan@icao.int</a> ;
180	Ms. Sirilak Thopwong	Administrative Associate (Financial Management) International Civil Aviation Organization	<a href="mailto:sthopwong@icao.int">sthopwong@icao.int</a> ;
181	Mr. Yuthana Punhong	Administrative Assistant (Protocol and Formalities) International Civil Aviation Organization	<a href="mailto:ypunhong@icao.int">ypunhong@icao.int</a> ;
182	Ms. Kannikar Thongprajak	Administrative Clerk International Civil Aviation Organization	<a href="mailto:kthongprajak@icao.int">kthongprajak@icao.int</a> ;
183	Mr. Ditsapoom Srithongun	Driver Messenger International Civil Aviation Organization	<a href="mailto:dsrithongun@icao.int">dsrithongun@icao.int</a> ;
184	Ms. Kanjana Chombunga	Receptionist International Civil Aviation Organization	<a href="mailto:kchombunga@icao.int">kchombunga@icao.int</a> ;
185	Ms. Sudhathai Juntarapratin	Administrative Assistant COSCAP South East Asia Programme International Civil Aviation Organization	<a href="mailto:sjuntarapratin@icao.int">sjuntarapratin@icao.int</a> ;
186	Ms. Kanyanat Chom-in	Programme Secretary Cooperative Aviation Security Programme – Asia Pacific International Civil Aviation Organization	<a href="mailto:kchomin@icao.int">kchomin@icao.int</a> ;
187	Ms. Pandharee Kongpool	Internship International Civil Aviation Organization	<a href="mailto:pkongpool@icao.int">pkongpool@icao.int</a> ;
188	Ms. Shreya Shakya	Internship – Administrative Assistant International Civil Aviation Organization	<a href="mailto:sshakya@icao.int">sshakya@icao.int</a> ;

**ATTACHMENT 1** to the APANPIRG/36 Report

**LIST OF PARTICIPANTS**

<b>LIST OF SPONSORS/EXHIBITORS (3) (OBSERVER)</b>			
<b>MD ONBOARD LCC</b>			
1.	Ms. Christina Ang	Regional Growth Director	<a href="mailto:christina.ang@mdonboard.com">christina.ang@mdonboard.com</a> ;
2.	Mr. Felix Brand	Managing Director & Founder	<a href="mailto:brand@cardiosecur.com">brand@cardiosecur.com</a> ;
<b>NATS</b>			
3.	Mr. Edwin Pang	Key Account Director	<a href="mailto:edwin.pang@nats.co.uk">edwin.pang@nats.co.uk</a> ;
4.	Mr. Sydney Maniam	Strategic Advisor	<a href="mailto:Sydney.MANIAM@nats.aero">Sydney.MANIAM@nats.aero</a> ;
<b>QUINTUS AGL MAINTENANCE SERVICE COMPANY LIMITED.</b>			
5.	Mr. Dhitinant Parixatranond	Managing Director	<a href="mailto:dhitinant@gmail.com">dhitinant@gmail.com</a> ;
6.	Mr. Koen Dierick	Engineering	<a href="mailto:Koen.dierick.automation@outlook.com">Koen.dierick.automation@outlook.com</a>
7.	Ms. Kamonchanok Konkieo	Admin	<a href="mailto:account_qti@quintusindustry.com">account_qti@quintusindustry.com</a> ;
8.	Ms. Jeangkam Chaichum	Admin	<a href="mailto:account_qti@quintusindustry.com">account_qti@quintusindustry.com</a> ;



ICAO

*International Civil Aviation Organization*

**Thirty-Sixth Meeting of the Asia/Pacific Air Navigation  
Planning and Implementation Regional Group  
(APANPIRG/36)**

*Bangkok, Thailand, 24 to 26 November 2025*

---

**OPENING REMARKS BY**

**MR. TAO MA**

**REGIONAL DIRECTOR, ICAO ASIA AND PACIFIC OFFICE**

*24 November 2025*

- **Ms. Theresa Levestam, First Vice-Chairperson of APANPIRG**
- **Mr. HAN Kok Juan, Second Vice- Chairperson of APANPIRG**
- **Heads of Delegations**
- **Chairpersons of APANPIRG’s Sub-groups and contributory bodies**
- **Distinguished members of the States’ Delegations**
- **Members of International Organizations, Participants, ICAO Colleagues**
- **Ladies and Gentlemen**

Good morning to all and welcome to the Thirty-Sixth Meeting of APANPIRG!

1. Let me take this opportunity to welcome First Vice-Chairperson of APANPIRG, **Ms. Theresa Levestam**, Chief Executive, Civil Aviation Authority of Fiji (CAAF) and Second Vice Chairperson of APANPIRG, **Mr. HAN Kok Juan**, Director General, Civil Aviation Authority of Singapore.
2. It is our great pleasure to welcome approximately **193** participants representing **26** States, **2** Special Administrative Regions of China and **6** International Organisations. Your presence here today is a testament to the shared commitment and collaboration that drive our collective efforts forward.
3. As we embrace the new long-term ICAO Strategic Plan for 2026-2050, we come hand in hand to chart our path toward safe, secure, sustainable and accessible air transport worldwide.
4. APAC region has long been the locomotive of industry growth. We forecast the number of passengers in the APAC will nearly triple by 2050 compared to 2024. On top of that, as the global production base, freight is projected to grow by 2.8 times by 2050, accounting for 40 percent of global cargo volume.
5. To meet this anticipated surge in demand, it is imperative that ANSPs, Airport Operators, and other aviation stakeholders take proactive steps today. Substantial investments will be essential to strengthen and modernize our systems, build capacity, and prepare for the long-term evolution of CNS/ATM infrastructure.

6. Equally important is the expansion of airport facilities to efficiently manage increased air traffic and deliver high-quality services to users. Achieving this vision will require strategic planning, stakeholder engagement, and sustainable funding. Building resilient and future-ready air navigation services is not only a challenge — it is a shared responsibility that we must act upon together.

7. Ladies and Gentlemen! Our work today lays the foundation for future success. Let me share with you a few major events that are completed in 2025:

**1) APAC Regional Training Symposium**

8. The First ICAO APAC Regional Training Symposium jointly organised by ICAO and the Civil Aviation Authority of Singapore was successfully concluded in July this year. More than 400 aviation leaders, academics, industry partners and youth from all over the world participated this symposium which aimed to strengthen regional aviation training cooperation and capacity building.

9. Over the two days, various activities including panel discussions, signing of MOU for scholarship and dedicated youth programme were conducted to echo the theme “*Enhancing Training Cooperation: Building Human Capital for the Sustainable Development of Civil Aviation*”, to better support the aviation workforce.

**2) DGCA/60**

10. Additionally, the 60<sup>th</sup> APAC DGCA Conference, hosted by Japan Civil Aviation Bureau and was held in Sendai, Japan from 28 July to 1 August. The Conference was attended by more than 300 participants, from 35 States/Administrations, 12 International Organizations.

11. I once again thank and congratulate JCAB for hosting and successfully organizing the DGCA/60 Conference. We look forward to the next DGCA Conference 2026 in Malaysia.

12. The outcomes of the DGCA/60 related to the Air Navigation will be presented through one of the Working Papers prepared by the Secretariat.

**3) 42<sup>nd</sup> ICAO Assembly**

13. The 42<sup>nd</sup> ICAO Assembly marked a pivotal moment for global aviation, setting ambitious priorities for safety, sustainability, and connectivity. These outcomes directly influence our regional work, reinforcing the need to accelerate performance-based navigation, enhance air traffic efficiency, and integrate greener technologies.

14. **Mr. Elie El Khoury**, Technical Officer from the Air Navigation Bureau will highlight main outcomes of Assembly 42 in his presentation later today.

**Implementation support activities**

15. ICAO continues to provide Implementation Support through holistic approaches.

16. In addition to the usual APAC CAT assistance missions to support States in enhancing Effective Implementation (EI) of State Safety Oversight System, ICAO APAC Office also conducted a series of regional and inter-regional workshops and Seminars for APAC States in Air Navigation field in 2025. Some of them are:

- ICAO APAC/MID ATFM and FF-ICE Seminar conducted in Dubai, UAE;
- Workshop on Implementation of New ICAO Annex 14 Volume I SARPS on OLS conducted in Bangkok, Thailand;
- SBAS-GAS Implementation Workshop for Air Space Users, conducted in Bengaluru, India; and
- Workshop on UAS Integration in National and High Seas Airspace;

17. In addition, a series of webinars were conducted on Free Route Airspace and Aviation Data Analysis. Workshops facilitating States' CORSIA implementation and State Action Plan development were also conducted in support of ICAO's Strategic goals on environmental protection.

### **Achievements in 2025**

18. In my remarks today, I would not go into the details of the excellent work done by the sub-groups and supported by the staff of the Regional Office. But I would like to share key achievements of 2025 which are ultimate outcomes of the hard work done by States, various level of APANPIRG Contributory Bodies despite of limited resources and various challenges in the Region:

#### **(1) Aerodrome Operation and Planning**

19. In 2024-2025, four existing international aerodromes have been certified: 2 in Thailand, 1 in Malaysia and 1 in Philippines. We would like to congratulate Cambodia for the official opening of Techo International Airport in Phnom Penh Cambodia in September 2025. India will start flight operations at Navi Mumbai International Airport tentatively in December this year and look forward to the Noida International Airport, India and new Western Sydney Airport, Australia in 2026.

#### **(2) Air Traffic Management**

20. In 2025, the APAC region experienced a range of contingencies, both large and small. These events underscored once again how essential preparedness and cooperation are to maintaining the safety and continuity of air navigation services. The phased implementation of the revised Kabul FIR contingency plan further demonstrated how proactive engagement can enhance capacity and mitigate risks during challenging situations

21. To continue strengthening our regional resilience, it is vital that each State maintains a high level of preparedness and works closely with its neighbours during periods of disruption.

#### **(3) CNS**

22. In 2025, various significant developments and agreed-upon timelines for global and regional initiatives, such as the APAC SWIM implementation timelines from 2024 to 2030, the adoption of FIXM 4.3 as the standard format for FF-ICE R/1 services and cross-border ATFM operations from Q3 2026 and the sunset date of FPL2012 by 2034, have significantly enhanced the role and responsibilities of the ICAO APAC office. At the same time, it has also raised some deep concerns about the readiness of most States to meet them.

23. This year, the APAC region noted the enhanced interest and action from APAC States/Administrations, including PSIDS, in joining CRV. The sunset date of FPL2012 has been one of the key motivators for this achievement.

**(4) MET & ENV**

24. Later this week, the Amendment 82 to Annex 3 will become applicable, this update includes the restructured Annex 3, brings enhancements to space weather services, new quantitative volcanic ash concentration information service, updates to IWXXM for MET information exchange and clearer definitions of meteorological authority and service provider.

25. On the Environment side, State Action Plans remain one of the ICAO's most successful voluntary initiatives, helping States define baselines, select mitigation measures and quantify reduction in CO2 emissions. They are now more critical than ever for achieving near-term goals, such as a 5% emissions reduction by 2030 and out long-term aspiration of net-zero by 2050.

**(5) PSIDS Implementation Support Roadmap**

26. With continuous support from the ICAO Headquarters and the Regional Office, we have continued the focus on the PSIDS with a project commissioned to develop an Implementation Support Roadmap with the objective of identifying and prioritizing actions that deliver on the recommendations of the 2019 PSIDS Study.

27. One of the Study recommendations and is the subject of a working paper for APANPIRG consideration, is the launch of an ICAO website for ICAO and Partner States or Organizations to share projects and assistance that is being delivered for the PSIDS

**Air Navigation Challenges:**

28. Let me take this opportunity and share with you some challenges we have been facing in Air Navigation fields:

**(I) Global Navigation Satellite System (GNSS) Vulnerability**

- GNSS vulnerabilities remain a critical challenge. Increasing incidents of jamming and spoofing have disrupted navigation and surveillance systems, forcing aircraft to revert to less efficient procedures and impacting safety and capacity. Recent cases in the region highlight the need for robust mitigation requiring coordinated efforts among States and industry.

**(II) APANPIRG air navigation deficiencies**

- There are still 147 outstanding Air Navigation Deficiencies in the Asia/Pacific Region. Resolving these requires States and Administrations to deploy targeted strategies and devotion, ensuring decisive action and sustained commitment to eliminate these deficiencies.

**(III) Certification of Military Aerodromes used for International Operations**

- Military aerodromes that also serve international civil aviation face inherent contradictions with ICAO certification requirements. Military aerodromes are often built and operated under different standards and procedures not aligning with Annex 14 and PANS-Aerodromes requirements. These limitations make inspections, and the sharing of safety data challenging requiring strong coordination between civil and military authorities and innovative approaches to meet both sets of obligations.

**(IV) Meteorological Service for International Air Navigation**

- Implementing IWXXM-formatted information exchange remains one of the focuses for the MET-subgroup. In addition, improving the availability of special air-reports on turbulence, addressing MET-related air navigation deficiencies and enabling the use of the new quantitative volcanic ash concentration information service which is greatly beneficial for both pre-flight planning and in-flight re-planning, remain priorities for the region.

29. As we look ahead to ICAO's strategic priorities, the 2026–2028 Business Plan emphasizes innovation, resilience, and environmental responsibility—principles that guide our regional efforts to enhance performances in all aspects.

30. For this meeting, we have received 21 WPs, 8 IPs and 3 Presentations which are of high quality for which we are thankful to the contributors, and I am confident that these Papers would stimulate constructive and useful discussions for the benefit of everyone.

31. I would like to thank the Vice Chairpersons, **Ms Tereasa Levestam** and **Mr. Han Kok Juan** for their commitment to this important meeting. I would also extend my appreciation to APANPIRG Chairperson, **Capt. Tamayo** for his contribution who retired from CAA Philippines, And of course Chairpersons and Members of the all subgroups and contributory bodies for their significant contributions especially **Mr. Kuah Kong Beng**, **Mr. Richard Wu**, **Dr. Pak-Wai Chan** and **Mr. Jaehong Jung** who recently retired from the chairmanship of the ATM Sub-group, CNS Sub-group, MET Sub-group and AOP Sub-group.

32. The hard work put in by the colleagues of the Regional Office, the Regional Sub-Office and PSIDS Liaison Office to organize various meetings and facilitate implementation of the decisions of the APANPIRG deserves our acknowledgement. I would like to thank **Mr. Elie El Khoury**, who came from Montreal to support this meeting.

33. In conclusion, the challenges and opportunities ahead demand more than incremental progress—they require unwavering, proactive collaboration among all of us. Only through shared commitment and coordinated action we can deliver on our ultimate goal: providing the travelling public with a seamless, safe, and efficient air transport experience.

34. To facilitate this meeting, we have three sponsors this year, namely, **MD Onboard**, **Quintus** and **NATS**. I would like to take this opportunity to thank all of them for their support to this meeting.

35. As per the tentative Order of Business, we have a demanding three-day schedule ahead. I am confident that, through focused discussions and active participation, we will turn this agenda into meaningful and productive outcomes.

36. To that end, I wish all of you a very successful APANPIRG Meeting ahead!

37. Thank you.

-----

**ATTACHMENT 3** to the APANPIRG/36 Report



**ICAO**

*International Civil Aviation Organization*

**Thirty-Sixth Meeting of the Asia/Pacific Air Navigation  
Planning and Implementation Regional Group  
(APANPIRG/36)**

*Bangkok, Thailand, 24 to 26 November 2025*

**LIST OF WORKING PAPERS**

<b>Paper No.</b>	<b>Agenda Item</b>	<b>Title</b>	<b>Presented by</b>
<b>WORKING PAPERS</b>			
WP/01 Revision 1	—	Adoption of the Provisional Agenda	Secretariat
WP/02	1A	Where does APAC stand with the Delhi Declaration Commitments?	Secretariat
WP/03	1B.1	Review of the Action Taken by the ANC and Council on the Reports of APANPIRG/35 and RASG-APAC/14	Secretariat
WP/04	1B.2	Status of Implementation of APANPIRG/35 Conclusions and Decisions	Secretariat
WP/05 Revision 1	1C	60 <sup>th</sup> APAC DGCA Conference Action Items on Air Navigation	Secretariat
WP/06	2	Enhancing GNSS Resilience: Operational and Technical Collaboration against RFI	Japan
WP/07	2	Trajectory Based Operations (TBO): Exploring the European Experience and Potential Synergies for Asia Pacific	EASA
WP/08 Revision 1	3.0	Update of APAC Air Navigation Plan Volume III	Secretariat
WP/09 Revision 2	3.1	Report on the Ninth Meeting of AOP Sub-Group	Chairperson of AOP/SG
WP/10 Revision 2	3.2	ATM/SG/13 Outcomes	Chairperson of ATM/SG
WP/11	3.3	RASMAG Outcomes	Chairperson of RASMAG
WP/12 Revision 1	3.4	Review of Outcomes of CNS SG/29	Secretariat
WP/13	3.5	Meteorology Sub-Group (MET SG/29) Report	Chairperson of MET SG
WP/14 Revision 1	4	Status of Air Navigation Deficiencies in the Asia/Pacific Region	Secretariat
WP/15	5	APANPIRG Work Programme 2026-2027	Secretariat
WP/16	3.2	Proposal for the Review of the Regional ATM Contingency Plan	Japan

**ATTACHMENT 3** to the APANPIRG/36 Report

<b>Paper No.</b>	<b>Agenda Item</b>	<b>Title</b>	<b>Presented by</b>
WP/17	2	PSIDS Regional Activities 2025-26	Secretariat
WP/18 Revision 1	6	Collaboration between RASMAG and SEI WG	Chairperson of RASMAG on behalf of RASMAG and SEI WG
WP/19	3.2	Update on Efforts by Timor-Leste to improve ANS Standards and Compliance	Timor-Leste
WP/20	2	Proposed Focus Area to Mitigate GNSS Radio Frequency Interference for the Asia Pacific Region	Singapore
WP/21 Revision 1	2	Collaboration between CNS SG and SEI WG	Chairperson of APRAST SEI WG

**LIST OF INFORMATION PAPERS**

<b>Paper No.</b>	<b>Agenda Item</b>	<b>Title</b>	<b>Presented by</b>
<b>INFORMATION PAPERS</b>			
IP/01 Revision 1	—	List of Papers	Secretariat
IP/02	1D	Progress Update of the RASG-APAC/14 Decisions and Conclusions	Secretariat
IP/03	2	Updates on APANPIRG/35 & RASG-APAC/14 Midyear Review and Thirteenth PIRG & RASG Regional Coordination Meeting	Secretariat
IP/04	3.6	Tackle to the Sustainable Capacity Building	Japan
IP/05	2	Shaping the Future of Airspace – Airspace Asia Pacific 2025	Hong Kong, China
IP/06	3.3	Planned Transfer of RVSM Safety Assessment and Monitoring Responsibilities for Hong Kong, China and Macao, China to China RMA	China, Hong Kong, China, Macao, China
IP/07	3.2	Modernization of Air Navigation Infrastructure in Indonesia	Indonesia
IP/08	3.2	FAA Coordination Collaboration: Designing Pre-Coordinated Routes for Operations with Surveillance and Communication Limitations	USA

**LIST OF FLIMSIES**

<b>PPT No.</b>	<b>Agenda Item</b>	<b>Title</b>	<b>Presented by</b>
<b>PRESENTATIONS</b>			
Flimsy/01	6	Proposal to Nominate Asia-Pacific SCRAG Member	Secretariat

**LIST OF PRESENTATIONS**

<b>PPT No.</b>	<b>Agenda Item</b>	<b>Title</b>	<b>Presented by</b>
<b>PRESENTATIONS</b>			
PPT/01	2	Outcome of the 42 <sup>nd</sup> ICAO Assembly	Secretariat
PPT/02	2	Global Development related to Air Navigation	Secretariat
PPT/03	3.6	Air Navigation Driving Sustainability	Secretariat
PPT/04	6	Coordination for Volcano Hayli Gubbi Eruption	Secretariat

-----

**APPENDIX 2****TERMS OF REFERENCE OF ASIA PACIFIC AIR NAVIGATION  
PLANNING AND IMPLEMENTATION REGIONAL GROUPS (APANPIRG)**

*[Approved by the President of the ICAO Council on 20 April 2020]*

**1. MEMBERSHIP**

1.1 All ICAO Contracting States, and Territories recognized by ICAO, within the area of accreditation of the ICAO Asia Pacific Regional Office and States of service providers in this air navigation region and part of this region's Air Navigation Plan, shall be members of the planning and implementation regional group (PIRG) established for Asia Pacific Region.

**2. PARTICIPATION**

2.1 In addition to States, the importance of a collaborative and proactive role by airspace users, international and regional organizations, and industry should be recognized due to their involvement in the rapid pace of technological development, expertise and other opportunities for sharing of resources.

2.2 PIRG meetings are open to all members. Each State/Territory member should be represented by a senior-level delegate nominated by the State/Territory, preferably from the civil aviation authority (CAA) in order to support related policy-making within the State. A delegate may be supported by an alternate delegate and/or advisers with the requisite technical knowledge in the subject matters under consideration.

2.3 The CAAs should be supported by service providers (such as air navigation services providers, airport, operators, meteorological service providers, etc.) as advisers.

2.4 States located outside the area of accreditation of the ICAO Regional Offices concerned can be invited on a case-by-case basis and in accordance with the *Regional Office Manual* to attend as observers.

2.5 International organizations recognized by the ICAO Council to participate in ICAO meetings should participate, as observers, in the PIRG meetings, and be encouraged to do so. Other stakeholders may be invited as observers, when required, to contribute to the work of the PIRG.

2.6 The participation of industry stakeholders should take into account relevant capabilities such as an involvement in the rapid pace of technological development, specific knowledge and expertise, and other opportunities including sharing of resources.

2.7 Civil aviation commissions/conferences in particular the Arab Civil Aviation Organization, African Civil Aviation Commission, European Civil Aviation Conference and Latin American Civil Aviation Commission, may be invited to participate in the work of the PIRGs.

2.8 The members and observers will serve as partners in PIRGs, and their joint commitment is fundamental for success in improving implementation and safety worldwide.

2.9 PIRG meetings should be live-streamed, to the extent possible, to enable additional State participants to follow the proceedings.

### 3. WORKING ARRANGEMENTS

#### 3.1 Structure

3.1.1 PIRGs have the obligation to apply the most effective and efficient organizational structure and meeting modalities that best suit the characteristics of each region's implementation work programme while maintaining to the extent possible, alignment with these Terms of Reference, the regional work programme and the Global Air Navigation Plan (GANP).

3.1.2 The ICAO Regional Director(s) will serve as the Secretary of the PIRG. Wherever two Regional Directors are involved, they will periodically rotate between serving as Secretary of the PIRG and regional aviation safety group (RASG) to balance the Secretariat responsibilities between these two regional groups. The Secretary of the PIRG, in coordination with the Secretary of the RASG, will establish the date, methodology and the procedure to be applied for the rotation.

3.1.3 The organization of the PIRG should address global and region-specific air navigation-related matters, and meetings should be closely coordinated between the PIRG and RASG chairpersons and the Secretariat. PIRG and RASG meetings should be held back-to-back or combined to facilitate coordination and to ensure the efficient use of resources.

3.1.4 The PIRG shall be administered by a chairperson and one or two vice-chairpersons elected from the State-nominated delegates present. The PIRG will establish the cycle of elections.

3.1.5 The PIRG will build on the work already done by States, ICAO Regional Offices and existing regional and sub-regional organizations to support the development, maintenance and implementation of an air navigation plan for the region(s).

3.1.6 PIRG contributory bodies may be created by the PIRG to discharge the PIRG work programme by working on defined subjects requiring detailed technical expertise. A contributory body shall only be formed when it has been clearly established that it is able to make a substantial contribution to the required work. A contributory body will be dissolved by the PIRG when it has completed its assigned tasks or if the tasks cannot be usefully continued.

3.1.7 Invitations to PIRG meetings must be issued at least three months in advance of the meeting to assist States to plan participation.

3.1.8 The Secretariat will review and update the PIRG Handbook periodically, and as required, to ensure a result-oriented approach.

3.1.9 Where the meeting is held in more than one ICAO working language, interpretation services shall be made available to facilitate participation in the deliberations and adoption of the report by all participants.

3.1.10 States, international organizations and industry are invited to submit working papers, research works, etc. in order to enhance the work of the PIRG and its contributory bodies. To ensure proper time for consideration and good decision-making, the Secretary should ensure that all working papers are available at least fourteen days prior to the start of the meeting for consideration.

#### 3.2 Venue

3.2.1 PIRG meetings will be convened in the Regional Offices, to the extent possible, to facilitate proper access by States. Approval to host PIRG meetings outside of the Regional Office must be obtained from the President of the Council.

3.2.2 The Secretary General will ensure the allocation of the necessary financial resources to host PIRG meetings.

3.2.3 PIRG contributory bodies may be convened at a different location, if required, to be determined by the Secretary and Chairperson of the PIRG, and contributory body. Venues shall be chosen with the primary aim of facilitating maximum State attendance.

### 3.3 State role

3.3.1 State CAAs, supported by service providers as necessary, should participate in the work of the PIRG and its contributory bodies to:

- a) ensure the continuous and coherent development and implementation of regional air navigation plans and report back on the key performance indicators (KPIs);
- b) support the regional work programme with participation from the decision-making authority with the technical expertise necessary for the planning and implementation mechanism, thus supporting policy decisions at the State level;
- c) enable coordination, at the national level, between the CAA, service providers and all other concerned stakeholders, and harmonization of the national plans with the regional and global plans;
- d) facilitate the implementation of GANP goals and targets;
- e) report on the status of implementation, within the State, on a regular basis;
- f) plan for basic services to be provided for international civil aviation in accordance with ICAO Standards, within State national plans;
- g) facilitate the development and establishment of Letters of Agreement and bilateral or multilateral agreements;
- h) mitigate deficiencies identified under the uniform methodology for the identification, assessment and reporting of air navigation deficiencies in a timely manner;
- i) embrace a performance-based approach for implementation as highlighted in the Global Plans; and
- j) ensure the inclusion of the regional priorities in the States' national implementation plans to the extent possible.

### 3.4 International organization and industry role

3.4.1 Industry, in particular airspace users, professional associations and organizations (such as Airports Council International, Civil Air Navigation Services Organisation, International Federation of Air Line Pilots' Associations, International Federation of Air Traffic Controllers' Associations, International Air Transport Association, etc.) should participate in the work of the PIRG and its contributory bodies, in order to support air navigation implementation and collaborative decision-making processes, taking into consideration the safety aspects of air navigation services.

3.4.2 Their focus should be on identifying regional requirements and ensuring that their available resources are adequately allocated.

### 3.5 Reporting

3.5.1 The PIRG reports outcomes to the ICAO Council through the Air Navigation Commission (ANC) as facilitated by the ICAO Secretariat.

3.5.2 PIRG meeting reports should be provided in a standardized format to the governing bodies of ICAO to identify regional and emerging challenges, and shall include as a minimum:

- a) a brief history of the meeting (duration and agenda);
- b) a list of meeting participants, affiliation and number of attendees;
- c) a list of conclusions and decisions with a description of their rationale (what, when, why and how);
- d) common implementation challenges identified amongst PIRG members and possible solutions, assistance required and estimated timelines to resolve, if applicable, by sub-region;
- e) identification of and recommendations on particular actions or enhancements that would require consideration by the ANC and Council to address particular challenges, including the need for amendment proposals to global provisions and guidance materials submitted by States;
- f) a list of issues cross-referenced to actions to be taken by ICAO Headquarters and/or Regional Offices;
- g) based on the GANP, and associated KPIs and tools, report to the extent possible on the status of implementation of air navigation goals, targets and indicators, including the priorities set by the region in their regional air navigation plans exploring the use of regional dashboards to facilitate monitoring regional progress being made;
- h) a list of items for coordination with the RASG and a concise summary of the outcome of related discussions;
- i) air navigation deficiencies identified and timelines for mitigation thereof; and
- j) the work programme and future actions to be taken by the PIRG.

3.5.3 A technical officer from Headquarters (Air Navigation Bureau) will participate and provide support to the meeting and subsequently arrange for the presentation of reports, in coordination with the Regional Office(s) and chairpersons of the PIRG, to the ANC and Council for review and harmonization.

3.5.4 The final PIRG report will be approved at the end of the meeting. Where the report requires translation, it will be made available within fifteen working days of the meeting closure.

3.5.5 Headquarters will provide feedback to the PIRGs highlighting the actions taken by the ANC and Council related to their previous meeting outcomes.

3.5.6 When a PIRG does not meet during the annual reporting cycle of the consolidated report on PIRGs and RASGs to the Council, the Secretary of the regional group must nevertheless report implementation progress, as well as difficulties experienced, for inclusion in the report.

#### 4. GLOBAL PLANS

4.1 In regard to Global Plans, the PIRG shall:

- a) support implementation by States of the *Global Air Navigation Plan* (GANP, Doc 9750) taking into account aspects of the *Global Aviation Safety Plan* (GASP, Doc 10004) and Global Aviation Security Plan (GASeP) by ensuring effective coordination and cooperation between all States and stakeholders;
- b) monitor and report the progress on the implementation by States of the GANP, and the regional objectives and priorities;
- c) ensure continuous and coherent development of the regional air navigation plan, *Regional Supplementary Procedures* (Doc 7030) and other relevant regional documentation, and propose amendments to reflect the changes in operational requirements in a manner that is harmonized with adjacent regions, consistent with ICAO Standards and Recommended Practises (SARPs), Procedures for Air Navigation Services (PANS) and the GANP;
- d) provide feedback on the GANP implementation and propose amendments to the Global Plans as necessary to keep pace with the latest developments and ensure harmonization with regional and national plans;
- e) in line with the GANP and regional priorities, identify specific deficiencies in the air navigation field, and propose mitigating actions and timelines to resolve deficiencies; and
- f) verify the provision of air navigation facilities and services in accordance with global and regional requirements.

#### 5. REGIONAL ACTIVITIES

5.1 In regard to regional activities, the PIRG shall:

- a) serve as a regional cooperative forum that determines regional priorities, develops and maintains the regional air navigation plan and associated work programme based on the GANP and relevant ICAO Provisions;
- b) facilitate the development and implementation by States of air navigation systems and services as identified in the regional air navigation plan and Doc 7030;
- c) monitor and report on the status of implementation by States of the required air navigation facilities, services and procedures in the region, and identify the associated difficulties and deficiencies to be brought to the attention of the Council;

- d) facilitate the development and implementation of corrective action plans by States to resolve identified deficiencies, where necessary;
- e) identify and report on regional and emerging air navigation challenges experienced that affect implementation of ICAO global provisions by States and measures undertaken or recommended to effectively address them;
- f) facilitate the development and implementation of regional and national air navigation plans by States; and
- g) assist Member States with guidance to implement complex aviation systems.

## 6. PIRG COORDINATION

6.1 In regard to coordination, the PIRG shall:

- a) coordinate safety issues with the respective RASG;
- b) foster cooperation, information exchange, sharing of experiences and best practices among States and stakeholders;
- c) provide a platform for regional coordination and cooperation amongst States and stakeholders for the continuous improvement of air navigation systems in the region with due consideration to harmonization of developments and deployments, intra- and interregional coordination, and interoperability;
- d) ensure that all air navigation activities at the regional and sub-regional level are properly coordinated amongst role players to avoid duplication of efforts;
- e) identify security, environmental and economic issues that may affect the operation of the air navigation system, and inform ICAO Secretariat accordingly for action; and
- f) through the PIRG Secretary, inform the Directors General of Civil Aviation and related civil aviation commission/conferences of PIRG meeting results.

## 7. INTERREGIONAL COORDINATION

7.1 The PIRG shall:

- a) ensure interregional coordination through formal and informal mechanisms, including the participation in meetings established for the purpose of coordinating PIRG and RASG activities, the GANP, regional air navigation plans and regional supplementary procedures; and
- b) ensure coordination with informal groups, such as the South Atlantic Group, Informal South Pacific ATS Coordination Group and Informal Pacific ATS Coordination Group, to assure harmonized planning and smooth transition through regional interface areas.

7.2 ICAO Headquarters shall arrange a global coordination meeting between all PIRG and RASG chairpersons and secretaries on a biennial basis.

## 8. EXPANSION OF TERMS OF REFERENCE

8.1 The Terms of Reference above serve for APANPIRG operations and may be further expanded by APANPIRG, as required, to maintain the flexibility and efficiency of APANPIRG work. Additional terms of reference adopted by APANPIRG must be approved by the President of the Council and be included in the APANPIRG Handbooks as a PIRG specific supplement.

-----

ATTACHMENT 5 to the APANPIRG/36 Report

**APANPIRG/36 CONCLUSIONS/DECISIONS – ACTION PLAN**

<b>Conclusion/ Decision No --- Strategic Objective*</b>	<b>Title of Conclusion/Decision</b>	<b>Text of Conclusion/Decision</b>	<b>Responsibility</b>	<b>Deliverable</b>	<b>Target Date</b>
<b>(1)</b>	<b>(2)</b>	<b>(3)</b>	<b>(4)</b>	<b>(5)</b>	<b>(6)</b>
<b>C 36/1 A &amp; B</b>	<b>Coordination of Regulatory and Service Provider Personnel Support for ICAO PSIDS-Focused Activities</b>	That, noting Pacific Small Island Developing States’ (PSIDS’) continue to receive regulatory and technical training, on-the-job training, and appropriately qualified experts to support ICAO-coordinated activities and projects, States and Organizations are urged to provide/update support and activities on a centralized website hosted by ICAO to collate, coordinate and collaborate on assistance being provided to PSIDS by partner States or Organizations.	ICAO RO  ICAO HQ  APAC States and Administrations	State Letter  Action in accordance with the Conclusion.	April 2026
<b>C 36/2 A &amp; B</b>	<b>Action plan for updating of APAC ANP Volume III</b>	That, aligned with the 8th Edition of GANP — subject to its availability by early 2026 for reference, given its significant updates to the ASBU framework — the following action plan is adopted for the revision of the APAC ANP Volume III:  a) ICAO Secretariat to incorporate editorial amendments to Part 0 and Part I, with an expected completion date in Q1 2026;  b) ICAO Secretariat, in consultation with APANPIRG Sub Groups and other contributory bodies, review and agree with the ASBU elements expected priority for implementation within the APAC Region, with an expected completion date in Q2 2026;	ICAO RO  APANPIRG Sub- Groups	State Letter  Action in accordance with the Conclusion.	February 2026

ATTACHMENT 5 to the APANPIRG/36 Report

**APANPIRG/36 CONCLUSIONS/DECISIONS – ACTION PLAN**

<b>Conclusion/ Decision No --- Strategic Objective*</b>	<b>Title of Conclusion/Decision</b>	<b>Text of Conclusion/Decision</b>	<b>Responsibility</b>	<b>Deliverable</b>	<b>Target Date</b>
<b>(1)</b>	<b>(2)</b>	<b>(3)</b>	<b>(4)</b>	<b>(5)</b>	<b>(6)</b>
		<p>c) APANPIRG Sub Groups review and endorse the ASBU elements expected priority for implementation within the APAC Region, with an expected completion date in Q3 2026; and</p> <p>d) Adoption of updated draft APAC ANP Volume III by APANPIRG/37, in Q4 2026.</p>			
<b>C 36/3 A &amp; B</b>	<b>Runway Surface Condition Assessment – Adoption of Technology</b>	Restricting assessment of runway surface conditions to visual means only, especially for DRY or WET conditions restricts the introduction of technology and automation to assist airport operators to meet the performance and safety outcomes desired. ICAO is requested to facilitate States to consider the use of technology and automation methods as an alternative acceptable means of compliance, to assist aerodrome operators in the assessment of runway surface conditions.	ICAO RO  ICAO HQ	IOM to HQ	February 2026
<b>C 36/4 A &amp; B</b>	<b>Acknowledgement of Wildlife Strike as One of the High-Risk Category of Occurrences (HRCs) for Asia and Pacific Regions</b>	Acknowledging that wildlife strike is a widespread concern affecting States in the Asia Pacific Region, and some States in Asia Pacific Region have already identified Wildlife Strike as one of the National High-Risk Category of Occurrences (N-HRCs) in their National Aviation Safety Plan (NASP):	ICAO RO  ICAO HQ	IOM to FS Section  IOM to HQ	February 2026

ATTACHMENT 5 to the APANPIRG/36 Report

**APANPIRG/36 CONCLUSIONS/DECISIONS – ACTION PLAN**

Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target Date
(1)	(2)	(3)	(4)	(5)	(6)
		<p>a) Wildlife Strikes should be considered to identify as one of the Regional HRCs (R-HRCs) in the Asia-Pacific Regional Aviation Safety Plan; and</p> <p>b) take up the concern of wildlife strike to the appropriate forum of ICAO for seeking additional Safety Enhancement Initiatives as mitigation measures for all APAC States/Administrations.</p>			
<b>C 36/5 A &amp; B</b>	<b>Corrigendum to the Asia/Pacific Seamless ANS Plan Version 4.0</b>	<p>That,</p> <ol style="list-style-type: none"> <li>1) the corrigendum to the <i>Asia/Pacific Seamless ANS Plan Version 4.0</i> at <b>Appendix A</b> to the Report on Agenda Item 3.2 be adopted, and uploaded to the ICAO Asia/Pacific Regional Office webpage to supplement the existing version;</li> <li>2) the ICAO Secretariat to update the Asia/Pacific Seamless ANS Reporting Tool to reflect these changes; and</li> <li>3) States are urged to update their national air navigation plan (NANP) to align with the revised Asia/Pacific Seamless ANS Plan Version 4.0.</li> </ol>	<p>ICAO RO</p> <p>APAC States and Administrations</p>	<p>State Letter</p> <p>Action in accordance with the Conclusion.</p> <p>Upload on ICAO Asia/Pacific Regional Office website.</p>	February 2026
<b>D 36/6</b>	<b>Update Air Traffic Management Sub-Group of APANPIRG</b>	That, the updated ATM/SG Terms of Reference at <b>Appendix B</b> to the Report on Agenda Item 3.2 be adopted.	ICAO RO	State Letter	February 2026

ATTACHMENT 5 to the APANPIRG/36 Report

**APANPIRG/36 CONCLUSIONS/DECISIONS – ACTION PLAN**

<b>Conclusion/ Decision No --- Strategic Objective*</b>	<b>Title of Conclusion/Decision</b>	<b>Text of Conclusion/Decision</b>	<b>Responsibility</b>	<b>Deliverable</b>	<b>Target Date</b>
<b>(1)</b>	<b>(2)</b>	<b>(3)</b>	<b>(4)</b>	<b>(5)</b>	<b>(6)</b>
	<b>(ATM/SG) Terms of Reference</b>		Sub-Group	Update APANPIRG Procedural Handbook	
<b>D 36/7</b>	<b>Establishment of APAC Project 30/10 Task Force</b>	<p>That, the APAC Project 30/10 Task Force be established under the ATM/SG to develop the Asia/Pacific regional roadmap that include, but not limited to, the following tasks:</p> <p>a) a further comprehensive analysis of the current separation minima applied within the Asia/Pacific Administrations and between adjacent FIRs;</p> <p>b) the identification of technical and operational enablers necessary for the successful implementation of Project 30/10, including reviewing and updating regional documents;</p> <p>c) collaboration with adjacent regions to achieve harmonized implementation of Project 30/10; and</p> <p>d) an assessment of training needs for controllers to effectively apply more efficient separation minima.</p>	<p>ICAO RO</p> <p>Sub-Group</p>	<p>State Letter</p> <p>Action in accordance with the Conclusion.</p>	February 2026
<b>D 36/8</b>	<b>Modification of Name of ATFM Steering Group</b>	That,	ICAO RO	State Letter	February 2026

ATTACHMENT 5 to the APANPIRG/36 Report

**APANPIRG/36 CONCLUSIONS/DECISIONS – ACTION PLAN**

Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target Date
(1)	(2)	(3)	(4)	(5)	(6)
	<b>(ATFM/SG) to ATFM and A-CDM Steering Group (ATFM &amp; A-CDM/SG)</b>	1) the name of the ICAO Asia/Pacific Air Traffic Flow Management Steering Group (ATFM/SG) changed to the ICAO Asia/Pacific Air Traffic Flow Management and Airport Collaborative Decision Making Steering Group (ATFM & A-CDM/SG); and 2) the Terms of Reference (TOR) be amended to reflect the Steering Group name change ( <b>Appendix C</b> to the Report on Agenda Item 3.2).	Sub-Group		
<b>D 36/9</b>	<b>Update AAITF Terms of Reference (ToR)</b>	That, the updated AAITF Terms of Reference at <b>Appendix D</b> to the Report on Agenda Item 3.2 be adopted.	ICAO RO  Sub-Group	State Letter	February 2026
<b>C 36/10  A &amp; B</b>	<b>Implementation of CRV for small Pacific Island and small ANSP in the region using CRV Solution, CRV SLA Package D+</b>	That, the CRV OG recommends the following to assist small Pacific Islands & small ANSPs in APAC in the implementation of CRV: a) CRV SLA Package D+ is reliable and addresses lead time for acquiring spares and the CRV Service Provider to import licenses and clearance for customer sites;	ICAO RO  APAC States and Administrations	State Letter	December 2025

ATTACHMENT 5 to the APANPIRG/36 Report

**APANPIRG/36 CONCLUSIONS/DECISIONS – ACTION PLAN**

<b>Conclusion/ Decision No --- Strategic Objective*</b>	<b>Title of Conclusion/Decision</b>	<b>Text of Conclusion/Decision</b>	<b>Responsibility</b>	<b>Deliverable</b>	<b>Target Date</b>
<b>(1)</b>	<b>(2)</b>	<b>(3)</b>	<b>(4)</b>	<b>(5)</b>	<b>(6)</b>
		<ul style="list-style-type: none"> <li>b) Small Pacific Island and small ANSP in the region to consider using CRV SLA package D+ as the CRV solution to implement CRV for the exchange of voice &amp; AMHS services;</li> <li>c) With a target date to implement CRV by 2025, it was recommended that the CRV OG work closely with the small Pacific Islands, small ANSPs in the region and the CRV Service Provider on a cost-effective CRV solution to implement CRV.</li> </ul>			
<b>D 36/11</b>	<b>Adoption of APAC Common SWIM Information Services, v1.0</b>	The first version of APAC Common SWIM Information Services, provided in <b>Appendix A</b> to the Report on Agenda Item 3.4, is adopted for immediate use by APAC States/Administrations. The set of APAC Common SWIM Information Services and the associated performance of SWIM Technical Infrastructure underpinning these services are not specified to support the provision of aircraft separation.	ICAO RO	State Letter	December 2025
<b>C 36/12 A &amp; B</b>	<b>Asia/Pacific Regional FIXM version 4.3 Extension</b>	<p>The FIXM version 4.3 Extension described in <a href="#">SWIM/TF/10/WP30</a> and provided in <b>Appendix B to the Report on Agenda Item 3.4</b> is:</p> <ul style="list-style-type: none"> <li>a) adopted as the Asia/Pacific FIXM version 4.3 Extension;</li> <li>b) uploaded to the ICAO Asia/Pacific Regional Office website for use by Asia/Pacific</li> </ul>	ICAO RO	<p>State Letter</p> <p>Upload on ICAO Asia/Pacific</p>	December 2025

ATTACHMENT 5 to the APANPIRG/36 Report

APANPIRG/36 CONCLUSIONS/DECISIONS – ACTION PLAN

Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target Date
(1)	(2)	(3)	(4)	(5)	(6)
		Administrations to support cross-border ATFM operation, A-CDM, ATFM/A-CDM integration, and traffic synchronization; and c) presented to the FIXM CCB for review and publication on the FIXM official website.		Regional Office website	
C 36/13 A & B	<b>Decision of CRV II Contract Management Process</b>	Following the procurement process formulated by CRV OG to choose one of the two options for APAC States/Administrations for the CRV II contract management process, i.e., <i>current CRV contract extension vs initiate the CRV II RFP process</i> : a) States/Administrations agree to extend the current CRV contract for <b>5 years</b> , which will be referred to as the <b>CRV II Network</b> . After extension, the CRV II contract date would be from 1 January 2029 with expiry on <b>31 December 2033</b> b) The contract extension for the CRV network will include updated legal, commercial, financial and technical requirements of the current service provider and CRV network implementation. c) Considering internal procurement timelines of APAC States/Administrations, CRV OG should prepare baseline updates required for the CRV network <b>before 1 April 2027</b> ;	ICAO RO	State Letter	December 2025

ATTACHMENT 5 to the APANPIRG/36 Report

**APANPIRG/36 CONCLUSIONS/DECISIONS – ACTION PLAN**

<b>Conclusion/ Decision No --- Strategic Objective*</b>	<b>Title of Conclusion/Decision</b>	<b>Text of Conclusion/Decision</b>	<b>Responsibility</b>	<b>Deliverable</b>	<b>Target Date</b>
<b>(1)</b>	<b>(2)</b>	<b>(3)</b>	<b>(4)</b>	<b>(5)</b>	<b>(6)</b>
<b>C 36/14 A &amp; B</b>	<b>Publishing MET Seminar Presentation Recordings</b>	That ICAO be requested to make available the MET Seminar presentation recordings.	ICAO RO	State Letter	February 2026
<b>C 36/15 A &amp; B</b>	<b>Management of obsolete planning and implementation guidance documents on the ICAO APAC Office website</b>	That, ICAO take appropriate action to manage (clearly identified as obsolete or remove) the archive of obsolete and historic planning and implementation guidance documents on its website, including those related to MET and other AN fields.	ICAO RO	State Letter	February 2026
<b>C 36/16 A &amp; B</b>	<b>IWXXM update notification process</b>	That, ICAO in coordination with WMO take appropriate action to initiate an IWXXM update notification process for all relevant stakeholders, including IWXXM consumers and system vendors.	ICAO RO	State Letter	February 2026
<b>C 36/17 A &amp; B</b>	<b>Sharing of Turbulence Reports with Meteorological Service Providers</b>	That States be urged to: a) In accordance with Annex 3, share special air-reports, with meteorological service providers, including turbulence reports, to support enhanced forecasting and situational awareness; and b) Provide information on the number of special air-reports received each calendar year.	ICAO RO  APAC States and Administrations	State Letter  Action in accordance with the Conclusion.	February 2026

ATTACHMENT 5 to the APANPIRG/36 Report

**APANPIRG/36 CONCLUSIONS/DECISIONS – ACTION PLAN**

Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target Date
(1)	(2)	(3)	(4)	(5)	(6)
C 36/18  A & B	<b>Enabling the use of QVA by airlines</b>	That, State Aviation Authorities are urged to consider and plan for the use of quantitative volcanic ash concentration information (QVA).	ICAO RO  APAC States and Administrations	State Letter  Action in accordance with the Conclusion.	February 2026
C 36/19	<b>Update of information in APANPIRG Air Navigation Deficiencies Reporting Form</b>	That, 1) ICAO to update the APANPIRG Air Navigation Deficiency Database to reflect the information as presented in <b>Appendices A - D</b> to the to the Report on Agenda Item 4. 2) States/Administrations be urged to: a) establish action plan with defined target dates for resolution of deficiencies, update the status on the corrective action taken and report the progress to the ICAO APAC Office in the Reporting Form of Air Navigation Deficiencies identified in ATM and Airspace Safety, AOP, CNS and MET fields as detailed in <b>Appendices A to D</b> to the Report on Agenda Item 4; and  b) update contact details of a Focal Point ( <b>Appendix E</b> to the Report on Agenda Item	ICAO RO  APAC States and Administrations	State Letter  Action in accordance with the Conclusion.	February 2026

**ATTACHMENT 5** to the APANPIRG/36 Report

**APANPIRG/36 CONCLUSIONS/DECISIONS – ACTION PLAN**

Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target Date
(1)	(2)	(3)	(4)	(5)	(6)
		4) to coordinate actions to resolve the Deficiencies.			

— END —