International Civil Aviation Organization

ICAO Sixth Meeting of the Asia/Pacific Aerodrome Assistance Working Group (AP-AA/WG/6)

Bangkok, Thailand, 2 to 5 April 2024

Agenda Item 3:   **Aerodrome Certification and Safety Management System**

CERTIFICATION OF AERODROMES IN THE ASIA/PACIFIC REGION

(Presented by the Secretariat)

SUMMARY

This Working Paper presents the status of the progress made by Asia/Pacific States in certification of aerodromes.

1.   INTRODUCTION

1.1   APANPIRG/27 (5 to 8 September 2016, Bangkok, Thailand) in Conclusion 27/5 urged States/Administrations to implement the certification of aerodromes in compliance with the ICAO Annex 14, Volume I requirements and Doc 9981 – PANS Aerodromes.

1.2   To monitor and track the implementation progress by Asia and Pacific States on *Beijing Declaration* APANPIRG/29 adopted the Conclusion APANPIRG/29/1:

> *That,*
> a)   *States/Administrations be urged to allocate necessary resources to meet the Beijing Declaration Targets and Commitments on Aviation Safety, Air Navigation Services, Accident Investigation and Human Resources Development;*
>
> b)   *APANPIRG Contributory Bodies to assist and monitor the implementation of related aspects of Beijing Declaration and report progress to the annual APAC DGCA Conference; and*
>
> c)   *Secretariat to review the Beijing Declaration objectives in 2020 in order to reflect, as required, any resolutions agreed to by the ICAO Assembly in 2019, including those on the endorsement of the new versions of the Global Aviation Safety Plan (GASP) and Global Air Navigation Plan (GANP), and initiate the organization of the Second Asia/Pacific Ministerial Conference on Civil Aviation in 2020 or thereafter.*

1.3   Recognizing the Ministers' commitment to certify all aerodromes used for international operations by 2020 through the Beijing Declaration, the 55th Conference of the Asia Pacific Director Generals of Civil Aviation in Action Item 55/42 urged:

> a)   *Aerodrome operators to prepare, apply for and maintain the certification for all aerodromes used for international operations;*

b) *States to establish an Aerodrome Certification Plan, in accordance with their national regulations, incorporating the identification of gaps and implementation of solutions to overcome those gaps, including the safety risk assessment and development of mitigation measures in areas of non-compliance, and allocate the necessary resources to implement the plan to meet the 2020 target;*

c) *States, if and when required, to request ICAO (Regional Office, COSCAPs, TCB and GAT) and PASO support for the implementation of the aerodrome certification plan of their respective States including training and technical assistance in aerodrome certification; and*

d) *International Organizations, Champion/Volunteer States, Industry and other Aviation Agencies to support States and aerodrome operators in the implementation of the Aerodrome Certification Plans.*

2. DISCUSSION

<u>Status on Certification of Aerodromes in Asia Pacific States</u>

2.1   There are 39 States, 2 Special Administration Regions and 8 overseas territories of 3 States in Asia and Pacific Regions.

2.2   Based on information gather from Doc 7910 (Location Indicator), States Aeronautical Information Publication (AIP), CAA Websites and ICAO Missions, the number of international aerodromes used for international operations in Asia/Pacific Region has reached to **355** as of 25 March 2024 and **326** aerodromes have been certified corresponding to **91.83%** progress.

2.3   The status of certified aerodromes used for international operations ("int'l aerodromes") in different Sub Regions of Asia/Pacific Region is illustrated in the Table 1 below:

Aerodromes	North Asia (5 States & 2 SARs)	South East Asia (11 States)	South Asia (8 States)	Pacific (15 States & 8 OTs)
Total Number of Int'l Aerodromes [**355**]	138	96	55	66
Number of Certified Int'l Aerodromes [**326**]	135	87	46	58
Number of Int'l Aerodromes <u>yet</u> to be certified [29]	**3**	**9**	**9**	**8**

Aerodromes	North Asia (5 States & 2 SARs)	South East Asia (11 States)	South Asia (8 States)	Pacific (15 States & 8 OTs)
States with Int'l Aerodromes <u>yet</u> to be certified (number and percentage of aerodromes <u>yet</u> to be certified) **[12 States, 33 Aerodromes, 9.38%]**	1) China (3, 3%)	1) Brunei Darussalam (1, **100%**), 2) Lao PDR (3, **75%**) 3) Malaysia (2, 11%) 4) Thailand (2, 20%), 5) Timor-Leste (1, **50%**)	1) Afghanistan (4, **100%**) 2) India (5, 19%)	1) Kiribati (2, **100%**) 2) Micronesia (Federal States of) (4, **100%**), 3) Nauru (1, **100%**), 4) Tuvalu (1, **100%**)

Table 1 – Status of certified aerodromes used for international operations in
Sub Regions of Asia/Pacific Region

2.4   **Attachment A** to this Working Paper provides the list of aerodromes used for international operations in Asia/Pacific Region that are yet to be certified.

<u>Publication of the Status of Certification of Aerodromes in AIP</u>

2.5   *Annex 14, Volume I – Aerodrome Design and Operations* requires that aerodrome authorities responsible for aerodrome services shall report to the responsible aeronautical information services unit the information on the status of certification of aerodromes for promulgation in the Aeronautical Information Publication (AIP) *(Para. 2.13.1 a) of Annex 14, Volume I refers)*.

2.6   *PANS-Aerodromes (Doc 9981) (2.3.7 of Part I refers) and PANS-AIM (Doc 10066)* require States to publish in *PART 3 - AERODROMES (AD)* of the AIP *(Appendix 2 of PANS-AIM refers)* a status of certification of aerodromes with details as shown in the box below:

> AD 1.5   Status of certification of aerodromes
>
> A list of aerodromes in the State, indicating the status of certification, including:
>
> a)   aerodrome name and ICAO location indicator;
>
> b)   date and, if applicable, validity of certification; and
>
> c)   remarks, if any.

2.7   From a recent exercise looking into AIPs, ICAO APAC Office identified a number of States / Administrations that have yet to publish the status of certification of aerodromes in AIP AD 1.5. A summary is provided in Table 2 below.

States	North Asia (5 States & 2 SARs)	South East Asia (11 States)	South Asia (8 States)	Pacific (15 States & 8 OTs)
No aerodromes listed in AD 1.5/	--	1) Brunei Darussalam	1) Afghanistan	1) Kiribati 2) Nauru 3) ~~Samoa~~

States	North Asia (5 States & 2 SARs)	South East Asia (11 States)	South Asia (8 States)	Pacific (15 States & 8 OTs)
AD 1.5 missing in AIP				4) ~~Tonga~~ 5) Tuvalu 6) Vanuatu
Some but not all aerodromes listed in AD 1.5	1) China	1) Viet Nam		--
AIP cannot be located	--	--	--	1) Marshall Is. 2) Micronesia (Federated States of) 3) Palau
Total (11 States)	**1 State**	**2 States**	**1 State**	**7 States / OTs**

Table 2 – Status of AIP AD 1.5 in Sub Regions of Asia/Pacific Region

2.8   The following States have published the status of the Certification of Aerodromes in other Section of AD in AIP as below:

1) Solomon Islands - AD 1.1, 1.1.5
2) US Territories (American Samoa, Guam and Norther Mariana Islands) – AD 2.6.

2.9   States that have published the status of certification of aerodromes in other Sections of AD are encouraged to publish in AD 1.5 to align with the AIP template as recommended in *Appendix 2 to PANS-AIM (Doc 10066).*

2.10   *Asia Pacific Regional Guidance on Aeronautical Information Publication – AD 1.5 Status of Certification of Aerodromes* approved by AOP/SG/4 (Video Teleconference, 10 – 13 November 2020) and published by ICAO Asia and Pacific Office, Bangkok on ICAO APAC Website eDocuments under AGA heading (https://www.icao.int/APAC/Pages/eDocs.aspx) may be referred by States/Administrations for this purpose.

3.   ACTION BY THE MEETING

3.1   The meeting is invited to:

a)   urge States to provide periodic updates on the progress of the certification of aerodromes and AIP AD 1.5 to the ICAO APAC Office;

b)   urge States that have yet to publish the status of certification of aerodromes in State's AIP to publish their status in accordance with *Annex 14 Vol I (para. 2.13.1), PANS-*Aerodromes *(para. 2.3.7 of Part I)* and *Appendix 2 to PANS-AIM (Doc 10066)* in AD 1.5;

c)   encourage States that have published the status of certification of aerodromes in other Sections of AD to publish in AD 1.5; and

d)   discuss any relevant matters as appropriate.

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List of Aerodromes used for International Operations in APAC Region that have to be certified

S. No	Sub-region	State / Admin	ICAO Code	Name of City	Name of Aerodrome	Type
1	SA	Afghanistan	OAHR	Herat	Herat Intl	UNK
2	SA	Afghanistan	OAKB	Kabul	Kabul Intl	RS
3	SA	Afghanistan	OAKN	Kandahar	Kandahar Intl	AS
4	SA	Afghanistan	OAMS	Mazar-e-Sharif	Mazar-e-Sharif	UNK
5	SEA	Brunei	WBSB	Brunei	Brunei Intl	RS
6	NA	China	RCYU	Hualien	Hualien	UNK
7	NA	China	RCMQ	Taichung	Cingcyuangang	UNK
8	NA	China	RCNN	Tainan	Tainan	UNK
9	SA	India	VICG	Chandigarh		UNK
10	SA	India	VOGO	Goa		UNK
11	SA	India	VOPB	Port Blair		UNK
12	SA	India	VAPO	Pune		UNK
13	SA	India	VISR	Srinagar		UNK
14	PAC	Kiribati	PLCH	Kiritimati	Christmas I.	RS
15	PAC	Kiribati	NGTA	Tarawa	Bonriki Intl	RS
16	SEA	Lao PDR	VLLB	Luangprabang	Luangprabang Intl	RS
17	SEA	Lao PDR	VLSK	Kaisonphimvihan	Savannakhet Intl	RS
18	SEA	Lao PDR	VLPS	Pakse	Pakse Intl	RS
19	SEA	Malaysia	WMKD	Kuantan	Haji Ahmad Shah	RNS
20	SEA	Malaysia	WBKL	Labuan		RNS
21	PAC	Micronesia	PTPN	Pohnpei I.	Pohnpei Intl	RS
22	PAC	Micronesia	PTKK	Weno I.	FM Chuuk Intl	RS
23	PAC	Micronesia	PTYA	Yap I.	Yap Intl	RS
24	PAC	Micronesia	PTSA	Kosrae I.	Kosrae	UNK
25	PAC	Nauru	ANYN	Nauru I.	Nauru intl	RS
26	SEA	Philippines	RPVK	Kalibo, Aklan	Kalibo Intl*	RS
27	SEA	Philippines	RPVP	Puerto Princesa City	Puerto Princesa Intl*	RS
28	SEA	Philippines	RPSP	Panglao	Bohol-Panglao Intl*	RS
29	SEA	Philippines	RPLC	Pampanga	Diosdado Macapagal Intl*	RS
30	SEA	Thailand	VTSG	Krabi		RS
31	SEA	Thailand	VTSB	Surat Thani		RS
32	SEA	Timor Leste	WPDB	Suai	Commander-in-Chief of the FALINTIL – Kay Rala Xanana Gusmão Intl	RNS
33	PAC	Tuvalu	NGFU	Funafuti	Funafuti Intl	RS

* Airports granted with temporary aerodrome certificates