

**ICAO***International Civil Aviation Organization*The Fifth Meeting of the Asia/Pacific  
Aerodrome Assistance Working Group (AP-AA/WG/5)*Maldives, 13 to 16 March 2023***Agenda Item 5: APANPIRG Air Navigation Deficiency in AOP Field****STATUS OF AIR NAVIGATION DEFICIENCIES IN AOP FIELD**

(Presented by the Secretariat)

**SUMMARY**

This Paper presents a list of Air Navigation Deficiencies noted by the 33<sup>rd</sup> Meeting of APANPIRG (Bali, Indonesia, 22 – 24 November 2022) in the AOP field for review and update by the AP-AA/WG. The list is based on the uniform methodology for the identification, assessment and reporting of such Deficiencies as described in *Part V of the APANPIRG Procedural Handbook*.

This Paper also presents a list of AOP Focal Points nominated by States / Administrations.

**1. INTRODUCTION**

1.1 Under the Terms of Reference of APANPIRG, one of the primary objectives is to identify and address specific Deficiencies in the air navigation field. In meeting this objective, APANPIRG facilitates the development and implementation of action plans by States to resolve identified Deficiencies, where necessary. Consequently, APANPIRG and its Contributory Bodies regularly review Deficiencies in their respective fields and develop recommendations for remedial actions.

1.2 The uniform methodology for the identification, assessment and reporting of air navigation Deficiencies (henceforth referred to as Uniform Methodology) was prepared with the assistance of the Planning and Implementation Regional Groups (PIRGs) of ICAO and approved by the ICAO Council on 30 November 2001 for the efficient identification, assessment and clear reporting of Air Navigation Deficiencies.

1.3 To support the implementation of the Uniform Methodology, every PIRG has developed its own unique deficiency database as a means of sharing safety information related to air navigation systems and viewed/used by that respective region(s) only. The online deficiency database is available on the ICAO APAC website:

<https://www.icao.int/APAC/Meetings/Pages/APANPIRG.aspx> via secure access provided by the Regional Office to States and International Organizations concerned.

## 2. DISCUSSION

### AOP Air Navigation Deficiency List

2.1 The status of Air Navigation Deficiencies in the AOP field was reviewed by APANPIRG/33 (Hybrid Meeting in Bali, Indonesia from 22 to 24 November 2022) and the updated list of Air Navigation Deficiencies in the AOP field endorsed by APANPIRG/33 is provided in **Attachment A**.

2.2 It is the responsibility of States concerned to establish action plan with defined target dates for resolution of deficiencies, update the status on the corrective action taken and report progress in the Reporting Form of Air Navigation Deficiencies identified in AOP field. The Regional Office will update the deficiency database based on written confirmation provided by the respective Administrations.

2.3 ICAO Regional Office in State Letter AN 3/3 – AP015/23 (AGA) dated 24 January 2023 requested concerned States/Administrations to note and take action for resolving the APANPIRG Air Navigation Deficiencies.

### AOP Air Navigation Deficiency related to the Certification of Aerodromes used for International Operations and Publication of their Status in AIP AD 1.5

2.4 In connection with **Conclusion APANPIRG/30/4** and subsequent review by APANPIRG meetings, the States / Administrations / aerodromes identified as deficient from the perspective of certification and publication of their status in AIP AD1.5 have been included in the APANPIRG AOP deficiency list with effect from 1 January 2021.

2.5 Diosdado Macapagal International Airport, Philippines has been added in the APANPIRG Air Navigation Deficiency List as only a temporary aerodrome certificate was issued for this airport and the validity of the certificate expired on 4 July 2022 (**Attachment A**).

### AOP Focal Points

2.6 For effective and efficient communications between States / Administrations and ICAO APAC Office on AOP matters, including but not limited to the resolution of Air Navigation Deficiencies in the AOP field, AOP/SG maintained contact details of AOP Focal Points. The list of AOP Focal Points is available in **Attachment B**.

## 3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) review and update the deficiencies listed in **Attachment A**;
- b) urge States / Administrations to establish action plans with defined target dates for resolution of deficiencies, update the status on the corrective actions taken and report progress in the Reporting Form of Air Navigation Deficiencies identified in AOP field; and
- c) note the updated list of AOP Focal Points in **Attachment B**.

-----

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Updated on 16 Dec. 2020

Identification		Deficiencies			Corrective Action			
Requirements	States/facilities	Description	Date first reported	Remarks	Description	Executing body	Target date of completion	Priority for action**
<b>Annex 14 Volume I</b>	<u><b>Afghanistan</b></u>	<b>Aerodrome Certification</b>	Effective from 1 Jan 2021	Aerodrome yet to be certified.				A
	<b>Herat International Airport</b>							
	<b>Kabul International Airport</b>							
	<b>Kandahar International Airport</b>							
	<b>Mazar-e-Sharif Airport</b>							A
<b>Annex 14 Volume I PANS- Aerodromes PANS-AIM</b>	AIP	<b>Status of Certification of Aerodromes in AIP</b>	Effective from 1 Jan 2021	Status of certification of aerodromes yet to be published in AIP AD 1.5.				A

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Updated on 16 Dec. 2020

Identification		Deficiencies			Corrective Action			
Requirements	States/facilities	Description	Date first reported	Remarks	Description	Executing body	Target date of completion	Priority for action**
Annex 14 Volume I PANS- Aerodromes PANS-AIM	<u>American Samoa (US)</u> AIP	Status of Certification of Aerodromes in AIP	Effective from 1 Jan 2021	Status of certification of aerodromes yet to be published in AIP AD 1.5.				A

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Updated on 16 Dec. 2020

Identification		Deficiencies			Corrective Action			
Requirements	States/facilities	Description	Date first reported	Remarks	Description	Executing body	Target date of completion	Priority for action**
<b>Annex 14 Volume I</b>	<b><u>Bangladesh</u> Hazrat Shahjalal International Airport, Dhaka</b>	<b>Runway/ Taxiway</b>	<b>ICAO mission April 2009</b>	Runway strip width insufficient (280m strip not available for the full length of runway);	runway strip in accordance with Annex 14, volume I will be provided	CAABD	Runway strip width 280m available for the full length of runway (mitigation measures for storm water drain on the western side strip under process. No obstructions on graded area)	A

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Updated on 16 Dec. 2020

Identification		Deficiencies			Corrective Action			
Requirements	States/facilities	Description	Date first reported	Remarks	Description	Executing body	Target date of completion	Priority for action**
Annex 14 Volume I	<u>Brunei Darussalam</u>  Brunei International Airport	Taxiway	ICAO Mission of April 2011	non provision of enhanced taxiway centre line marking in accordance with Para 5.2.8 of Annex 14, Volume I	Both Northern Parallel Taxiway and Southern Parallel Taxiway Centre line have been repainted yellow and enhanced with black borders on each side.	Airport Operator (DCA Aerodrome Division)		A
				Objects on taxiway strips; vegetation on pavement joints and maintenance of joints				A
		Apron		non provision of ICAO compliant signage in accordance with section 5.4 Annex 14, Volume I	Airfield signages have always been provided at BIA that follow ICAO standards and measurement. Recent replacement of old and faded labels have also been completed in 2018.	Airport Operator (DCA Aerodrome Division)		A
		<b>Rescue and Fire Fighting (RFF):</b>		non provision of direct access for the rescue and fire fighting vehicles from the fire station into the runway;	Duly noted that there is no direct access for fire fighting vehicles to the runway at the moment, but one will be concluded within the second phase of the Airfield	Airport Operator (DCA Aerodrome Division)	4th Qtr. 2022	A

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Identification		Deficiencies			Corrective Action			
Requirements	States/facilities	Description	Date first reported	Remarks	Description	Executing body	Target date of completion	Priority for action**
					Pavement Rehabilitation Project.			
		Wildlife Hazards:		Establishing a national bird control committee in accordance with APANPIRG Conclusion 18/1.	Aerodrome Division headed by Head of Aerodrome to firstly establish an in-house committee and will cooperate with Regulatory Division	Airport Operator (DCA Aerodrome Division)	4th Qtr. 2021	B
	<b>Brunei International Airport</b>	<b>Aerodrome Certification</b>	Effective from 1 Jan 2021	Aerodrome yet to be certified.				A
<b>Annex 14 Volume I PANS-Aerodromes PANS-AIM</b>	AIP	<b>Status of Certification of Aerodromes in AIP</b>	Effective from 1 Jan 2021	Status of certification of aerodromes yet to be published in AIP AD 1.5.				A

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Updated on 16 Dec. 2020

Identification		Deficiencies			Corrective Action			
Requirements	States/facilities	Description	Date first reported	Remarks	Description	Executing body	Target date of completion	Priority for action**
Annex 14 Volume I	<u>China</u>							
	Hualien Airport	<b>Aerodrome Certification</b>	Effective from 1 Jan 2021	Aerodrome yet to be certified.				A
	Taichung Airport	<b>Aerodrome Certification</b>	Effective from 1 Jan 2021	Aerodrome yet to be certified.				A
	Tainan Airport	<b>Aerodrome Certification</b>	Effective from 1 Jan 2021	Aerodrome yet to be certified.				A
Annex 14 Volume I PANS- Aerodromes PANS-AIM	AIP	<b>Status of Certification of Aerodromes in AIP</b>	Effective from 1 Jan 2021	Status of certification of some of the aerodromes used for international operations yet to be published in AIP AD 1.5.				A

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Updated on 16 Dec. 2020

Identification		Deficiencies			Corrective Action			
Requirements	States/facilities	Description	Date first reported	Remarks	Description	Executing body	Target date of completion	Priority for action**
Annex 14 Volume I PANS- Aerodromes PANS-AIM	<u>Guam (US)</u>	Status of Certification of Aerodromes in AIP	Effective from 1 Jan 2021	Status of certification of aerodromes yet to be published in AIP AD 1.5.				A
	AIP							

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Updated on 16 Dec. 2020

Identification		Deficiencies			Corrective Action			
Requirements	States/facilities	Description	Date first reported	Remarks	Description	Executing body	Target date of completion	Priority for action**
Annex 14 Volume I	<u>India</u> Chennai International Airport	Runway	AGA mission January 2009	Runway strip is insufficient 300m strip width is not available for the full length of runway 07/25 in accordance with 3.4.3 of Annex 14, Volume I.	280m strip width for full length of runway 07/25 will be made available.	AAI	Work in progress.  Due to COVID-19 work is held up. PDC for straightening of B taxiway alone is 30-09-2020.	A
Annex 14, Volume I	Mumbai International Airport	Runway	AGA mission January 2009	Runway strip is insufficient 300m strip width is not available for the full length of runway 09/27 in accordance with 3.4.3 of Annex 14, Volume I.	280m strip width for full length of runway 09/27 will be made available	MIAL	31 Dec 2022.  Due to presence of slum in beginning of RWY 09/27 south – RWY strip 280m not available.  Due to presence of slum of either side at beginning of RWY 14/32 – RWY strip 280m not available.	A
Annex 14 Volume I	Chandigarh Airport	Aerodrome Certification	Effective from 1 Jan 2021	Aerodrome yet to be certified.				A
Annex 14 Volume I	Goa Airport	Aerodrome Certification	Effective from 1 Jan 2021	Aerodrome yet to be certified.				A
Annex 14 Volume I	Port Blair Airport	Aerodrome Certification	Effective from 1 Jan 2021	Aerodrome yet to be certified.				A

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Identification		Deficiencies			Corrective Action			
Requirements	States/facilities	Description	Date first reported	Remarks	Description	Executing body	Target date of completion	Priority for action**
Annex 14 Volume I	Pune Airport	Aerodrome Certification	Effective from 1 Jan 2021	Aerodrome yet to be certified.				A
Annex 14 Volume I	Srinagar Airport	Aerodrome Certification	Effective from 1 Jan 2021	Aerodrome yet to be certified.				A
Annex 14 Volume I PANS-Aerodromes PANS-AIM	AIP	Status of Certification of Aerodromes in AIP	Effective from 1 Jan 2021	Status of certification of some of the aerodromes used for international operations yet to be published in AIP AD 1.5.				A

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Updated on 20 Nov. 2021

Identification		Deficiencies			Corrective Action			
Requirements	States/facilities	Description	Date first reported	Remarks	Description	Executing body	Target date of completion	Priority for action**
Annex 14 Volume I	<u>Kiribati</u>	Aerodrome Certification	Effective from 1 Jan 2021	Aerodrome yet to be certified.				A
	Christmas Island Airport, Kiritimati							
	Bonriki International Airport, Tarawa	Aerodrome Certification	Effective from 1 Jan 2021	Aerodrome yet to be certified.				A
Annex 14 Volume I PANS- Aerodromes PANS-AIM	AIP	Status of Certification of Aerodromes in AIP	Effective from 1 Jan 2021	Status of certification of aerodromes yet to be published in AIP AD 1.5.				A

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Updated on 20 Nov. 2021

Identification		Deficiencies			Corrective Action				
Requirements	States/facilities	Description	Date first reported	Remarks	Description	Executing body	Target date of completion	Priority for action**	
Annex 14 Volume I	<u>Lao PDR</u> Wattay International Airport	Taxiway	ICAO Mission of March 2011	Provision of runway hold position lights in accordance with Para 5.3.19 of ICAO Annex 14, Volume I	Under consideration by Airports of Laos to purpose for support the budgets and installation		We have planned budgets and installation in 2025	A	
		Rescue and Fire Fighting (RFF):		Provision of road holding position sign at all road entrances to a runway;	Completed the design and submit to DCA for Approval		It will be completed in December 2021	A	
		Wildlife Hazards:		Establishing a national bird control committee in accordance with APANPIRG conclusion 18/1.	We are repairing plan for establish committee for approval from Ministry		It will be completed in December 2021	B	
		Aerodrome Certification	Effective from 1 Jan 2021	Aerodrome yet to be certified.			Aerodrome Certification will be completed in 30 <sup>th</sup> December 2021	A	
		Luang Prabang International Airport	Taxiway		Provision of runway hold position lights in accordance with Para 5.3.19 of ICAO Annex 14, Volume I on new taxiways	Under consideration by Airports of Laos to purpose for support the budgets and installation		We have planned budgets and installation during 2021 to 2025	A
			Rescue and Fire Fighting (RFF)		Provision of road holding position sign at all road entrances to a runway	Completed the design and submit to DCA for Approval		It will be completed in December 2021	A

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Identification		Deficiencies			Corrective Action			
Requirements	States/facilities	Description	Date first reported	Remarks	Description	Executing body	Target date of completion	Priority for action**
		<b>Aerodrome Certification</b>	Effective from 1 Jan 2021	Aerodrome yet to be certified.			Aerodrome Certification will be completed in 29 <sup>th</sup> December 2022	A
	<b>Savannakhet International Airport</b>	<b>Aerodrome Certification</b>	Effective from 1 Jan 2021	Aerodrome yet to be certified.			Aerodrome Certification will be completed in 28 <sup>th</sup> December 2023	A
	<b>Pakse International Airport</b>	<b>Aerodrome Certification</b>	Effective from 1 Jan 2021	Aerodrome yet to be certified.			Aerodrome Certification will be completed in 28 <sup>th</sup> December 2024	A

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Updated on 29 June 2022

Identification		Deficiencies			Corrective Action			
Requirements	States/facilities	Description	Date first reported	Remarks	Description	Executing body	Target date of completion	Priority for action**
Annex 14 Volume I	<u>Malaysia</u> Kuantan Haji Ahmad Shah Airport	Aerodrome Certification	Effective from 1 Jan 2021	Aerodrome yet to be certified.	Coordination among Ministry of Transport, Ministry of Defense and Airport Operator are being conducted to get the aerodrome certified	Ministry of Transport and Ministry of Defense	31 December 2021	A
	Labuan Airport	Aerodrome Certification	Effective from 1 Jan 2021	Aerodrome yet to be certified.	Coordination among Ministry of Transport, Ministry of Defense and Airport Operator are being conducted to get the aerodrome certified	Ministry of Transport and Ministry of Defense	31 December 2021	A

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Updated on 16 Dec. 2020

Identification		Deficiencies			Corrective Action			
Requirements	States/facilities	Description	Date first reported	Remarks	Description	Executing body	Target date of completion	Priority for action**
Annex 14 Volume I PANS- Aerodromes PANS-AIM	<u>Marshall Islands</u>  AIP	Status of Certification of Aerodromes in AIP	Effective from 1 Jan 2021	Status of certification of aerodromes yet to be published in AIP AD 1.5.				A

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Updated on 16 Dec. 2020

Identification		Deficiencies			Corrective Action			
Requirements	States/facilities	Description	Date first reported	Remarks	Description	Executing body	Target date of completion	Priority for action**
<b>Annex 14, Volume I</b>	<b><u>Maldives</u> Velana International Airport</b>	<b>Runway/ Taxiways</b>	<b>AGA Mission Report April 2008</b>	Insufficient runway strip.	Runway strip available	Maldives Airports Company Pvt. Ltd	Apron is still within the runway strip. New master plan work is in progress, new runway construction on-going, estimated date of completion: December 2019. Exemption granted by the State to Aerodrome Operator till December 2019.	U

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Updated on 16 Dec. 2020

Identification		Deficiencies			Corrective Action			
Requirements	States/facilities	Description	Date first reported	Remarks	Description	Executing body	Target date of completion	Priority for action**
Annex 14 Volume I	<u>Micronesia (Federated States of)</u>  Pohnpei International Airport	Aerodrome Certification	Effective from 1 Jan 2021	Aerodrome yet to be certified.				A
	FM Chuuk International Airport	Aerodrome Certification	Effective from 1 Jan 2021	Aerodrome yet to be certified.				A
	Yap International Airport	Aerodrome Certification	Effective from 1 Jan 2021	Aerodrome yet to be certified.				A
	Kosrae Airport	Aerodrome Certification	Effective from 1 Jan 2021	Aerodrome yet to be certified.				A
Annex 14 Volume I PANS- Aerodromes PANS-AIM	AIP	Status of Certification of Aerodromes in AIP	Effective from 1 Jan 2021	Status of certification of aerodromes yet to be published in AIP AD 1.5.				A

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Updated on 16 Dec. 2020

Identification		Deficiencies			Corrective Action			
Requirements	States/facilities	Description	Date first reported	Remarks	Description	Executing body	Target date of completion	Priority for action**
<b>Annex 14 Volume I</b>	<b><u>Nauru</u> Nauru International Airport</b>	<b>Aerodrome Certification</b>	Effective from 1 Jan 2021	Aerodrome yet to be certified.				A
<b>Annex 14 Volume I PANS- Aerodromes PANS-AIM</b>	AIP	<b>Status of Certification of Aerodromes in AIP</b>	Effective from 1 Jan 2021	Status of certification of aerodromes yet to be published in AIP AD 1.5.				A

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Updated on 16 Dec. 2020

Identification		Deficiencies			Corrective Action			
Requirements	States/facilities	Description	Date first reported	Remarks	Description	Executing body	Target date of completion	Priority for action**
Annex 14 Volume I PANS- Aerodromes PANS-AIM	<u>Northern Mariana Islands (US)</u>  AIP	Status of Certification of Aerodromes in AIP	Effective from 1 Jan 2021	Status of certification of aerodromes yet to be published in AIP AD 1.5.				A

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Updated on 16 Dec. 2020

Identification		Deficiencies			Corrective Action			
Requirements	States/facilities	Description	Date first reported	Remarks	Description	Executing body	Target date of completion	Priority for action**
Annex 14 Volume I PANS- Aerodromes PANS-AIM	<u>Palau</u>  AIP	Status of Certification of Aerodromes in AIP	Effective from 1 Jan 2021	Status of certification of aerodromes yet to be published in AIP AD 1.5.				A

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Updated on 8 March 2023

Identification		Deficiencies			Corrective Action			
Requirements	States/facilities	Description	Date first reported	Remarks	Description	Executing body	Target date of completion	Priority for action**
Annex 14 Volume I	<u>Philippines</u> Kalibo International Airport, Akla	Aerodrome Certification	Effective from 1 Jan 2021	Permanent aerodrome certificate yet to be issued.			Temporary Aerodrome Certificate issued with validity from 30 Dec. 2021 to 29 June 2022 as per AIRAC AIP AMDT 080/22, effective from 22 Apr. 2022.	A
	Puerto Princesa International Airport	Aerodrome Certification	Effective from 1 Jan 2021	Permanent aerodrome certificate yet to be issued.			Temporary Aerodrome Certificate issued with validity from 06 December 2021 to 6 June 2022 as per AIRAC AIP AMDT 080/22, effective from 22 Apr. 2022.	A
	Bohol-Panglao International Airport	Aerodrome Certification	Effective from 1 Jan 2021	Permanent aerodrome certificate yet to be issued.			Temporary Aerodrome Certificate issued with validity from 25 Dec. 2021 to 25 Jun. 2022 as per AIRAC AIP AMDT 080/22, effective from 22 Apr. 2022.	A
	Ninoy Aquino International Airport RPLL	Aerodrome Certification	Effective from 8 March 2022	Permanent aerodrome certificate yet to be issued.			Temporary Aerodrome Certificate issued with validity from 31 October 2021 to 29 April 2022 as	A

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Identification		Deficiencies			Corrective Action			
Requirements	States/facilities	Description	Date first reported	Remarks	Description	Executing body	Target date of completion	Priority for action**
							per AIRAC AIP AMDT 080/22, effective from 22 Apr. 2022.	
	<b>Diosdado Macapagal International Airport RPLC</b>	<b>Aerodrome Certification</b>	6 March, 2023	Permanent aerodrome certificate yet to be issued.			Temporary Aerodrome Certificate issued with validity from 4 January 2022 to 4 July 2022 as per AIRAC AIP AMDT 080/22, effective from 22 Apr. 2022.	A

AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION

Updated on 16 Dec. 2020

Identification		Deficiencies			Corrective Action			
Requirements	States/facilities	Description	Date first reported	Remarks	Description	Executing body	Target date of completion	Priority for action**
Annex 14 Volume I	<u>Mongolia</u>  Buyant-Ukhaa Airport	Taxiway	ICAO Mission of July 2011	provision of runway hold position lights in accordance with Para 5.3.19 of ICAO Annex 14, Volume I.	The runway hold position lights will be provided in accordance with Para 5.3.19 of ICAO Annex 14, Volume I.	Civil Aviation Authority of Mongolia	The RWY hold position marking and mandatory signs were provided to avoid runway incursions on the maneuvering area. Because of the existing International scheduled flights will be transferred to new airport in 2020, the additional runway hold position lights are unrequired to install.	A
		Apron: Airfield signage		Provision of ICAO compliant signage in accordance with section 5.4 Annex 14, Volume I and to cut the vegetation in front of the signs.	The signage will be provided in accordance with section 5.4 Annex 14, Volume I.  The vegetation in front of the signs will be cut	Civil Aviation Authority of Mongolia	The work on cutting the vegetation in front of the signs was completed in 2017 within the totally 119560 m <sup>2</sup> area including, taxiway strip, glide path antenna and apron area, as per Aerodrome manual of, in scope of Aerodrome maintenance plan.  [Note: Partially completed]	A

AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION

Updated on 15 June 2021

Identification		Deficiencies			Corrective Action			
Requirements	States/facilities	Description	Date first reported	Remarks	Description	Executing body	Target date of completion	Priority for action**
Annex 14 Volume I	<u>Myanmar</u>  Yangon International Airport	Runway/ Taxiway	ICAO mission April 2010	Provision of RESA in accordance with Section 3.5 of Annex 14, Volume I requirements;	RESA will be provided	Yangon Aerodrome Company Limited	(Risk Assessment conducted by the operator submitted on 10 Aug 2018.)  RESA for RWY 21 was completed on 15 Nov 2018.  Revised date- <b>31 Dec 2021</b>	A
		Bird Hazard		Establishment of a national bird committee in accordance with APANPIRG Conclusion 18/1.	Establish National Bird Committee	Department of Civil Aviation	Guideline for Wildlife Hazard Management at Aerodromes, DCA-GM- AGA 08 has been developed and published on 29 Oct 2018)  Revised date- <b>30 Nov 2021</b>	B

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Updated on 8 June 2021

Identification		Deficiencies			Corrective Action			
Requirements	States/facilities	Description	Date first reported	Remarks	Description	Executing body	Target date of completion	Priority for action**
Annex 14, Volume I	<u>Nepal</u> Tribhuvan International Airport	Runway/ taxiways	ICAO Mission of February 2008	Insufficient runway strip, refer recommendations given in section 3.4 of Annex 14, Volume I.	Provide runway strip as per ICAO recommendations		Construction works to provide sufficient strip towards runway 20 already started with target of completion in 2023.	A

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Updated on 16 Dec. 2020

Identification		Deficiencies			Corrective Action			
Requirements	States/facilities	Description	Date first reported	Remarks	Description	Executing body	Target date of completion	Priority for action**
Annex 14 Volume I	<u>Samoa</u> Faleolo International Airport	Runway Strip	ICAO Mission of Oct. 2015	Insufficient Runway Strip				A
		Aerodrome Pavements		Lack of maintenance of aerodrome pavements in accordance with Annex 14, 10.2				U
Annex 14 Volume I PANS- Aerodromes PANS-AIM	AIP	Status of Certification of Aerodromes in AIP	Effective from 1 Jan 2021	Status of certification of aerodromes yet to be published in AIP AD 1.5.				A

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Updated on 16 Dec. 2020

Identification		Deficiencies			Corrective Action			
Requirements	States/facilities	Description	Date first reported	Remarks	Description	Executing body	Target date of completion	Priority for action**
Annex 14 Volume I	<u>Solomon Islands</u>  Honiara International Airport/Henderson Field	Runway Strip	ICAO Mission of Oct. 2015	Insufficient Runway Strip				A
		RESA		RESA at both ends of runway not provided				U
		Aerodrome Pavements		Lack of maintenance of aerodrome pavements in accordance with Annex 14, 10.2				U
Annex 14 Volume I PANS-Aerodromes PANS-AIM	AIP	Status of Certification of Aerodromes in AIP	Effective from 1 Jan 2021	Status of certification of aerodromes yet to be published in AIP AD 1.5.				A

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Updated on 15 June 2022

Identification		Deficiencies			Corrective Action			
Requirements	States/facilities	Description	Date first reported	Remarks	Description	Executing body	Target date of completion	Priority for action**
Annex 14 Volume I	<u>Sri Lanka</u> Bandaranaike International Airport	Runway/ Taxiway	ICAO mission April 2010	Provision of 280m strip width for the full length of precision approach CAT I runway in accordance with the standard 3.4.3, Annex 14, Volume I; remove obstacles from runway strip; flush the strip with the adjacent runway shoulder.	runway strip in accordance with Annex 14, Volume I will be provided, obstacles from strip will be removed and flush strip with adjacent runway shoulder.	CAASL	Statistical analysis submitted by AASL has been accepted in 2021. Request made to submit the improved risk assessment with necessary amendments within 2022.	A
				Establishment of a national bird committee in accordance with APANPIRG Conclusion 18/1.	National Bird Committee will be established.			A meeting to be held with all stakeholders to establish the Committee and to ratify the TOR by end of September 2022.

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Updated on 6 June 2022

Identification		Deficiencies			Corrective Action			
Requirements	States/facilities	Description	Date first reported	Remarks	Description	Executing body	Target date of completion	Priority for action**
Annex 14, Volume I	<u>Thailand</u> Phuket International Airport	Runway	AGA mission of July 2009	RESA to satisfy Section 3.5 of Annex 14, Volume I requirements.	RESA will be provided at the end of both RWY09 and RWY27 to satisfy Section 3.5 of Annex 14, Volume I requirements.  Remark: - Dimension of RESA RWY09 is 150x190 m. - Dimension of RESA RWY27 is 150x120 m.	Airports of Thailand Public Company Limited	The construction is expected to be completed in 2024.  Airports of Thailand Public Company Limited already has had the contractor for this construction's project and the safety assurance and project management documentation has been approved by the Civil Aviation Authority of Thailand to ensure that the aerodrome can continue to operate safely during the project. Currently, the construction progress is 11.40%	U
				Runway strip width insufficient (280m runway strip for precision approach runways in accordance with Para 3.4.3 of Annex 14, Volume I.	300m runway strip width will be made available. Except 111.4m length at the beginning of RWY09 (60m strip length before RWY09 threshold plus 51.4m length beyond the threshold), the		Airports of Thailand Public Company Limited	The construction is expected to be completed in 2024.  Airports of Thailand Public Company Limited already has had the contractor for this

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Identification		Deficiencies			Corrective Action			
Requirements	States/facilities	Description	Date first reported	Remarks	Description	Executing body	Target date of completion	Priority for action**
					runway strip width will be extended 150m on the right side of RWY09 centre line and 90.27m on the left side of the runway centre line (due to the marsh near the runway).		construction's project and the safety assurance and project management documentation has been approved by the Civil Aviation Authority of Thailand to ensure that the aerodrome can continue to operate safely during the project. Currently, the construction progress is 11.40%	
	<b>Krabi Airport</b>	<b>Aerodrome Certification</b>	Effective from 1 Jan 2021	Aerodrome yet to be certified.	Certify the aerodrome in accordance with aerodrome certification requirements	The Civil Aviation Authority of Thailand and Department of Airports	31 December 2022	A
	<b>Hua Hin Airport</b>	<b>Aerodrome Certification</b>	Effective from 1 Jan 2021	Aerodrome yet to be certified.	Certify the aerodrome in accordance with aerodrome certification requirements	The Civil Aviation Authority of Thailand and Department of Airports	30 June 2023	A
	<b>Samui Airport</b>	<b>Aerodrome Certification</b>	Effective from 1 Jan 2021	Aerodrome yet to be certified.	Certify the aerodrome in accordance with aerodrome certification requirements	The Civil Aviation Authority of Thailand and Bangkok Airways Public Company Limited	31 December 2022	A

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Identification		Deficiencies			Corrective Action			
Requirements	States/facilities	Description	Date first reported	Remarks	Description	Executing body	Target date of completion	Priority for action**
	<b>Surat Thani Airport</b>	<b>Aerodrome Certification</b>	Effective from 1 Jan 2021	Aerodrome yet to be certified.	Certify the aerodrome in accordance with aerodrome certification requirements	The Civil Aviation Authority of Thailand and Department of Airports	31 December 2022	A

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Updated on 17 May 2022

Identification		Deficiencies			Corrective Action			
Requirements	States/facilities	Description	Date first reported	Remarks	Description	Executing body	Target date of completion	Priority for action**
Annex 14 Volume I	<u>Timor-Leste</u>  Presidente Nicolau Lobato International Airport, Dili	Aerodrome Certification	Effective from 1 Jan 2021	Aerodrome yet to be certified.	Certification process restarted.  AD operator has to correct couple of findings (noncompliance) requested by national regulator (AACTL)	ANATL* as AD operator *National AD and ATS provider	Based on the newly revised PNLIA Certification Road Map, the completion of the certification process is estimated to be concluded by December 2022.	A
	Commander-in-Chief of the FALINTIL – Kay Rala Xanana Gusmão International Airport, Suai	Aerodrome Certification	Effective from 1 Jan 2021	Aerodrome yet to be certified.	To be certify for its designed category (3C) the significant safety issue relating to AD strip (local houses and habitants must be relocated!) should be resolved. Currently AD is occasionally in use for domestic general aviation and helicopters only.	Gov. TL and ANATL as AD operator	Estimated date: 31 December 2022	A
Annex 14 Volume I PANS- Aerodromes PANS-AIM	AIP	Status of Certification of Aerodromes in AIP	Effective from 1 Jan 2021	Status of certification of aerodromes yet to be published in AIP AD 1.5.	New TL AIP is published on 25/March/2021.	AACTL	In correlation with AD certification	A

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Updated on 16 Dec. 2020

Identification		Deficiencies			Corrective Action			
Requirements	States/facilities	Description	Date first reported	Remarks	Description	Executing body	Target date of completion	Priority for action**
Annex 14 Volume I	<u>Tonga</u> Fua'amotu International Airport	Runway Strip	ICAO Mission of Oct. 2015	Insufficient Runway Strip				A
Annex 14 Volume I PANS- Aerodromes PANS-AIM	AIP	Status of Certification of Aerodromes in AIP	Effective from 1 Jan 2021	Status of certification of aerodromes yet to be published in AIP AD 1.5.				A

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Updated on 1 Nov. 2022

Identification		Deficiencies			Corrective Action			
Requirements	States/facilities	Description	Date first reported	Remarks	Description	Executing body	Target date of completion	Priority for action**
<b>Annex 14 Volume I</b>	<b><u>Tuvalu</u> Funafuti International Airport</b>	<b>Aerodrome Certification</b>	Effective from 1 Jan 2021	Aerodrome yet to be certified.	Aerodrome yet to be certified.		Part 139 Aerodrome Certification in progress for 2023	A
<b>Annex 14 Volume I PANS- Aerodromes PANS-AIM</b>	<b>AIP</b>	<b>Status of Certification of Aerodromes in AIP</b>	Effective from 1 Jan 2021	Status of certification of aerodromes yet to be published in AIP AD 1.5.	Status of certification of aerodromes yet to be published in AIP AD 1.5.		Update Tuvalu AIP Info	A

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Updated on 16 Dec. 2020

Identification		Deficiencies			Corrective Action			
Requirements	States/facilities	Description	Date first reported	Remarks	Description	Executing body	Target date of completion	Priority for action**
<b>Annex 14 Volume I PANS- Aerodromes PANS-AIM</b>	<u>Vanuatu</u> AIP	<b>Status of Certification of Aerodromes in AIP</b>	Effective from 1 Jan 2021	Status of certification of aerodromes yet to be published in AIP AD 1.5.				A

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Updated on 26 June 2022

Identification		Deficiencies			Corrective Action			
Requirements	States/facilities	Description	Date first reported	Remarks	Description	Executing body	Target date of completion	Priority for action**
<b>Annex 14 Volume I PANS- Aerodromes PANS-AIM</b>	<u>Viet Nam</u>  AIP	<b>Status of Certification of Aerodromes in AIP</b>	Effective from 1 Jan 2021	Status of certification of one of the aerodromes used for international operations yet to be published in AIP AD 1.5.	Certify aerodromes used for international operations	CAAV	<p><b>WORK IN PROGRESS</b> – CAAV has checked and recognized that Lien Khuong is a domestic aerodrome used for international operation under the Article 80 of the revised Civil Aviation Law of Vietnam.</p> <ul style="list-style-type: none"> <li>- CAAV published the status of certification of 13 domestic aerodromes in AIP, AD 1.5 in the AIP Amendment No 03/2020, issued on November 30<sup>th</sup> 2020 (including Lien Khuong aerodrome).</li> <li>- Due to the impact of the Covid-19 pandemic, the procedure for upgrading, announcing Lien Khuong aerodrome as an international aerodrome has not been completed as planned. The CAAV has adjusted the schedule as follows:</li> <li>- Completing the transition from the Aeronautical Information Service (AIS) to the</li> </ul>	A

**AIR NAVIGATION DEFICIENCIES IN AOP FIELD IN THE ASIA/PACIFIC REGION**

Identification		Deficiencies			Corrective Action			
Requirements	States/facilities	Description	Date first reported	Remarks	Description	Executing body	Target date of completion	Priority for action**
							Aeronautical Information Management (AIM) by the end of 2022. After the transition completed, the certifications of all operating aerodromes in Viet Nam will be published in AIP (including Lien Khuong aerodrome). – Completing the procedure for upgrading, announcing Lien Khuong aerodrome as an international aerodrome in accordance with the Civil Aviation Law by the end of 2022. – Completing publishing Lien Khuong aerodrome as an international aerodrome in AIP in the first quarter of 2023.  <b>Target date of completion:</b> First quarter of 2023.	

\* Priority for action to remedy the shortcoming is based on the following safety assessments:

“U” priority = Urgent requirements having a direct impact on safety and requiring immediate corrective actions. Urgent requirement consisting of any physical, configuration, material, performance, personnel or procedures specification, the application of which is urgently required for air navigation safety.

“A” priority = Top priority requirements necessary for air navigation safety. Top priority requirement consisting of any physical, configuration, material, performance, personnel or procedures specification, the application of which is considered necessary for air navigation safety.

“B” priority = Intermediate requirements necessary for air navigation regularity and efficiency. Intermediate priority requirement consisting of any physical, configuration, material, performance, personnel or procedures specification, the application of which is considered necessary for air navigation regularity and efficiency.

**APANPIRG  
AERODROMES OPERATIONS AND PLANNING SUB-GROUP (AOP/SG)**

**LIST OF AOP FOCAL POINTS [Updated on 29 June 2022 26 August 2022]**

NAME	TITLE/ORGANIZATION	TEL/FAX NUMBER	E-MAIL
<b>1. AFGHANISTAN</b>			
1. Engineer Najibullah	Head of Aerodrome Standardization Afghanistan Civil Aviation Authority	–	<a href="mailto:najib0107@gmail.com">najib0107@gmail.com</a> ;
<b>2. AUSTRALIA</b>			
2. Mr. Dan Parsons	Senior Standards Officer (Aerodromes & Heliports) Flight Standards Branch National Operations and Standards/CASA 180 Ann Street Brisbane QLD 4000 GPO Box 2005 Canberra ACT 2601	Tel: +61 7 3144 7426	<a href="mailto:Dan.Parsons@casa.gov.au">Dan.Parsons@casa.gov.au</a> ;
3. Mr. Rodney Evans	ARFF Standards Lead Airservices Australia Eastern Avenue Bilinga Coolangatta Airport, PO Box 300 Coolangatta QLD 4225	Tel: +61 7 5599 5909 Fax: +61 7 5590 2718	<a href="mailto:Rodney.Evans@airservicesaustralia.com">Rodney.Evans@airservicesaustralia.com</a> ;
<b>3. BANGLADESH</b>			
4. Mr. MD. Ayub Khan	Assistant Director (SAR) Directorate of Flight Safety & Regulations Civil Aviation Authority of Bangladesh Civil Aviation Authority Headquarters Kurmitola, Dhaka-1229	Tel: +880 2 8901406	<a href="mailto:ayubcaab@gmail.com">ayubcaab@gmail.com</a> ;
<b>4. BHUTAN</b>			
5. Mr. Sangay Wangdi	Head of Aerodrome Bhutan Civil Aviation Authority Paro International Airport, Paro, Bhutan	Tel: +975-8-271 911 Mob: +975-17119277 Fax: +975-8-271 909	<a href="mailto:swangdi@bcaa.gov.bt">swangdi@bcaa.gov.bt</a> ;

**LIST OF AOP FOCAL POINTS**

NAME		TITLE/ORGANIZATION	TEL/FAX NUMBER	E-MAIL
<b>5. BRUNEI DARUSSALAM</b>				
6.	Mr. Mohamad Fauzi bin Mohamad Sidek	Acting Deputy Director (Regulator) Department of Civil Aviation Brunei Darussalam	Tel: +673 233 0142 Mob: +673 816 8909	<a href="mailto:ddca.regulatory@dca.gov.bn">ddca.regulatory@dca.gov.bn</a> ;
7.	Mr. Pg Rasman bin Pg Sulaiman	Aerodrome Inspector Department of Civil Aviation Brunei Darussalam	Tel: +673 233 0142 Mob: +673 885 4714	<a href="mailto:rasman.sulaiman@dca.gov.bn">rasman.sulaiman@dca.gov.bn</a> ;
8.	Ms. Norhidayah Haji Ismail	Air Traffic Control Officer (ANS Inspector) Department of Civil Aviation Brunei Darussalam	Tel: +673 233 0142 Mob: +673 883 4614	<a href="mailto:norhidayah.ismail@dca.gov.bn">norhidayah.ismail@dca.gov.bn</a> ;
<b>6. CAMBODIA</b>				
9.	Mr. Eng Samreth	Deputy Director (Aerodrome Inspector) of Airport Standards and Safety State Secretariat of Civil Aviation #44, Phnom Penh International Airport, Russian Blv., Phnom Penh	Tel: +855 98 628811	<a href="mailto:engsamreth@gmail.com">engsamreth@gmail.com</a> ;
<b>7. CHINA</b>				
10.	Mr. Ma Zhigang	Deputy Director General Department of Airport Civil Aviation Administration of China (CAAC) No.155 Dongsu Xidajie, Dong Cheng Dist., Beijing	Tel: +8610 64091804 Fax: +8610 64019967	<a href="mailto:zhg_ma@caac.gov.cn">zhg_ma@caac.gov.cn</a> ;
11.	Ms. Lyu Qing	Deputy Assistant Division Chief Civil Aviation Administration of China No. 155, Dongsu Xidajie, Beijing 100710	Tel: +8610 6409 2804	<a href="mailto:lvqing@caac.gov.cn">lvqing@caac.gov.cn</a> ;
12.	Mr. Liang Shixin	Intermediate Engineer CAAC General Station of Quality Supervision of Specialized Engineering No. 6 Yutong East St., Chaoyang Dist., Beijing,	Tel: +86 18801 297577	<a href="mailto:liangshixin@caac.gov.cn">liangshixin@caac.gov.cn</a> ;

**LIST OF AOP FOCAL POINTS**

NAME		TITLE/ORGANIZATION	TEL/FAX NUMBER	E-MAIL
13.	Mr. Guo Jingcheng	Deputy Consultant Airport Division, Civil Aviation Administration of China (CAAC) Beijing, China	Tel: +86 010-64092854	<a href="mailto:guojingcheng@caac.gov.cn">guojingcheng@caac.gov.cn</a> ;
14.	Mr. Yu Yali	Department of Airport Civil Aviation Administration of China		<a href="mailto:yl_yu@caac.gov.cn">yl_yu@caac.gov.cn</a> ;
<b>HONG KONG CHINA</b>				
15.	Mr. Raymond NG	Assistant Director-General of Civil Aviation (Airport Standards), Civil Aviation Department Civil Aviation Department Headquarters 1 Tung Fai Road, Hong Kong Int'l Airport, Lantau, Hong Kong China	Tel.: +852-2910 6196 Fax: +852-2795 8469	<a href="mailto:rcong@cad.gov.hk">rcong@cad.gov.hk</a> ;
16.	Ms. Amy POON	Chief Safety Officer (Airport and Safety Regulation) Civil Aviation Department Civil Aviation Department Headquarters Lantau, Hong Kong China	Tel.: +852-2910 6968 Fax: +852-2795 8469	<a href="mailto:aympoon@cad.gov.hk">aympoon@cad.gov.hk</a> ;
17.	Ms. Rosa YIP	Senior Safety Officer (Airport), Civil Aviation Department, Civil Aviation Department Headquarters, 1 Tung Fai Road, Hong Kong International Airport, Hong Kong China	Tel.: +852-2910 6973 Fax: +852-2795 8469	<a href="mailto:rmlyip@cad.gov.hk">rmlyip@cad.gov.hk</a> ;
18.	Mr. Steven PANG	Acting Senior Safety Officer (Airport) Civil Aviation Department Civil Aviation Department Headquarters 1 Tung Fai Road, Hong Kong Int'l Airport, Lantau, Hong Kong China	Tel.: +852-2910 6970 Fax: +852-2795 8469	<a href="mailto:kh pang@cad.gov.hk">kh pang@cad.gov.hk</a> ;
<b>MACAO CHINA</b>				
19.	Mr. LAM Tat Ming (Taft)	Director of Airport Infrastructure & Air Navigation Civil Aviation Authority Macao, China	Tel: +853 2851 1213 +853 8796 4120 Fax: +853 2833 8089	<a href="mailto:taftlam@aacm.gov.mo">taftlam@aacm.gov.mo</a> ;

**LIST OF AOP FOCAL POINTS**

NAME		TITLE/ORGANIZATION	TEL/FAX NUMBER	E-MAIL
8.	<b>COOK ISLANDS</b>			
20.	Mr. John Hosking	Ministry of Transport PO Box 61   Avarua, Rarotonga, Cook Islands	Tel: +(682) 28810	<a href="mailto:john.hosking@cookislands.gov.ck">john.hosking@cookislands.gov.ck</a> ;
21.	Mr. Dennis Hoskin	Ministry of Transport PO Box 61   Avarua, Rarotonga, Cook Islands	Tel: +(682) 28810	<a href="mailto:dennis.hoskin@cookislands.gov.ck">dennis.hoskin@cookislands.gov.ck</a> ;
9.	<b>DPR KOREA (1)</b>			
22.	Mr. Rim Chong Il	Deputy Director of Aerodrome Department General Administration of Civil Aviation DPR of Korea	Tel: +850 2 18111 Ext. 8108 Fax: +850 2 3814410 Ext. 4625	<a href="mailto:gaca@silibank.net.kp">gaca@silibank.net.kp</a> ;
10.	<b>FIJI (1)</b>			
23.	Mr. Ratu Maibulu Q. Laliqavoka	Technical Officer Aerodromes, Ground Safety Department Civil Aviation Authority of Fiji Private Mail Bag NAP 0354, Nadi International Airport, Nadi	Tel: +679 672 1555 Mob: +679 992 8949	<a href="mailto:maibulu.laliqavoka@caaf.org.fj">maibulu.laliqavoka@caaf.org.fj</a> ;
11.	<b>INDIA</b>			
24.	Mr. Dinesh Chand Sharma	Joint Director General of Civil Aviation Directorate General of Civil Aviation Aerodrome Standards Directorate, DGCA Hqrs., New Delhi 110003	Tel: +91 11 2465 3883	<a href="mailto:dcsharma.dgca@nic.in">dcsharma.dgca@nic.in</a> ;
25.	Mr. Amit Srivastava	Deputy Director of Operations Directorate General of Civil Aviation Aerodrome Standards Directorate, DGCA Hqrs., Opp. Safdarjung Airport, New Delhi 110003	Tel: +91 11 2462 2495	<a href="mailto:amits.dgca@nic.in">amits.dgca@nic.in</a> ;

**LIST OF AOP FOCAL POINTS**

NAME		TITLE/ORGANIZATION	TEL/FAX NUMBER	E-MAIL
<b>12. INDONESIA</b>				
26.	Ms. Ade Trisetyo	Aerodrome Inspector Directorate of Airport - Airport Standardization Directorate General Civil Aviation Medan Merdeka Barat No. 8, Jakarta 10110	Tel: +62 350 6661	<a href="mailto:adeth_rossi@yahoo.com">adeth_rossi@yahoo.com</a> ;
27.	Mr. Agung Wibowo	Airport Inspector Directorate of Airport Directorate General Civil Aviation Sinath Tower, Jl. Silangit Blok B, Jakarta 10610	Tel: +62 822990 05421	<a href="mailto:agungwibowost@yahoo.com">agungwibowost@yahoo.com</a> ;
28.	Mr. Petrus Hery Tris Cahyono	Airport Inspector, Directorate of Airport Directorate General Civil Aviation Sinath Tower, Silangit Blok B, Jakarta 10610	Tel: +62 81213992467	<a href="mailto:herytris07@gmail.com">herytris07@gmail.com</a> ;
29.	Mr. Alexander	Aerodrome Inspector Directorate General Civil Aviation Medan Merdeka Barat No. 8, Jakarta 10110	Tel: +62 350 6661	<a href="mailto:alex.dgca@gmail.com">alex.dgca@gmail.com</a> ;
<b>13. JAPAN</b>				
30.	Mr. YOKONO Hideaki	Director for Airport Operations Safety Planning and Coordination, Airport Safety Office, Aviation Safety and Security Planning Division, Japan Civil Aviation Bureau, Ministry of Land, Infrastructure, Transport and Tourism	–	<a href="mailto:yokono-h2dy@mlit.go.jp">yokono-h2dy@mlit.go.jp</a> ;
31.	Mr. HAYASHIDA Futoshi	Chief Coordinator of Airport Safety Information Japan Civil Aviation Bureau 2-1-3 kasumigaseki, Chiyodaku, Tokyo100-8918	–	<a href="mailto:hayashida-f117f@mlit.go.jp">hayashida-f117f@mlit.go.jp</a> ;
<b>14. KIRIBATI</b>				
32.	Mr. Tiamwa Teaiwa	Civil Aviation Authority Ministry of Information, Communications, Transport and Tourism Development Tarawa, Kiribati	–	<a href="mailto:ans.ai@micttd.gov.ki">ans.ai@micttd.gov.ki</a> ;

**LIST OF AOP FOCAL POINTS**

NAME		TITLE/ORGANIZATION	TEL/FAX NUMBER	E-MAIL
<b>15. LAO PDR</b>				
33.	Mr. Sengsangouane Chanthavong	Deputy Director of Aerodrome Safety and Standards Division, Department of Civil Aviation Ministry of Public Works and Transport	Tel: +85620 2222 8823	<a href="mailto:ngouane2008@yahoo.com">ngouane2008@yahoo.com</a> ;
34.	Ms. Malaythong Phimmasone	Deputy Director of Aerodrome Safety and Standards Division, Department of Civil Aviation Ministry of Public Works and Transport	Tel: +85620 5414 4354	<a href="mailto:malaythong@dcal.gov.la">malaythong@dcal.gov.la</a> ; <a href="mailto:thong.dca@gmail.com">thong.dca@gmail.com</a> ;
35.	Mr. Komack Keochampa	Officer, Aerodrome Safety Inspector Department of Civil Aviation Ministry of Public Works and Transport	Tel: +85620 2223 9498	<a href="mailto:komack@dcal.gov.la">komack@dcal.gov.la</a> ; <a href="mailto:okidkcp@gmail.com">okidkcp@gmail.com</a> ;
<b>16. MALAYSIA</b>				
36.	Mr. Mahyuddin Bin Sajuri	Deputy Director, Aerodrome Standards Div. Civil Aviation Authority of Malaysia Block Podium, No. 27 Persiaran Perdana, Precint 4, 62618 Putrajaya	Tel: +603 8871 4042 Fax: +603	<a href="mailto:mahyuddin@caam.gov.my">mahyuddin@caam.gov.my</a> ;
<b>17. MALDIVES</b>				
37.	Ms. Fathimath Ramiza	Director Air Navigation and Aerodrome Maldives Civil Aviation Authority Velaanaage, Ameer Ahmed Magu, Male' 20096	Tel: +960 334 2984 Fax: +960 332 3039	<a href="mailto:ramiza@caa.gov.mv">ramiza@caa.gov.mv</a> ;
38.	Ms. Aminath Shiznee	Senior Aerodrome Inspector Maldives Civil Aviation Authority, Velaanage 11 <sup>th</sup> Floor, Ameer Ahmed Magu, Male' 20096	Tel: +960 3324983 Fax: +960 3323039	<a href="mailto:civav@caa.gov.mv">civav@caa.gov.mv</a> ; <a href="mailto:shiznee@caa.gov.mv">shiznee@caa.gov.mv</a> ;
<b>18. MARSHALL ISLANDS</b>				
39.	Mr. Alice John	Principal AVSEC/FAL/AGA Inspector Directorate of Civil Aviation P.O. Box 1114, Majuro, Marshall Islands 96960	Tel: 011(692)625-6179 Fax: 011(692)625-6170	<a href="mailto:alcapelle@yahoo.com">alcapelle@yahoo.com</a> ; <a href="mailto:alcapelle68@gmail.com">alcapelle68@gmail.com</a> ;

**LIST OF AOP FOCAL POINTS**

NAME		TITLE/ORGANIZATION	TEL/FAX NUMBER	E-MAIL
19.	<b>MICRONESIA (FEDERATED STATES OF)</b>			
40.	Mr. Ryan L. Donre	Airport Safety Inspector FSM Transportation, Communications & Infrastructure, Division of Civil Aviation	–	<a href="mailto:ryan.donre@tci.gov.fm">ryan.donre@tci.gov.fm</a> ;
41.	Mr. Glenn Harris	Assistant Secretary FSM Transportation, Communications & Infrastructure, Division of Civil Aviation	–	<a href="mailto:glenn.harris@tci.gov.fm">glenn.harris@tci.gov.fm</a> ;
20.	<b>MONGOLIA</b>			
42.	Mr. Munkhbold Ganbold	Aerodrome inspector, Air Navigation Division Safety Regulation Department Civil Aviation Authority of Mongolia Buyant-Ukhaa, Khan-Uul District, Ulaanbaatar	Tel: +976-11-285048 Mob: +976-11-88013779	<a href="mailto:munkhbold.g@mcaa.gov.mn">munkhbold.g@mcaa.gov.mn</a> ;
21.	<b>MYANMAR</b>			
43.	Mr. Kyaw Soe	Director (Aerodrome Standards & Safety) Department of Civil Aviation Headquarters Building, Airport Road, Mingalardon Tsp., 11021, Yangon, Myanmar	Tel: +951 533002 +951 533013 Fax: +951 533000	<a href="mailto:kyawsoedca@gmail.com">kyawsoedca@gmail.com</a> ;
44.	Mr. Hla Phone Zaw	Deputy Director, Aerodrome Standards & Safety Div. Department of Civil Aviation Headquarters Building, Yangon, Myanmar	Tel: +951 533002 +951 533013 Fax: +951 533000	<a href="mailto:hpzdca28@gmail.com">hpzdca28@gmail.com</a> ;
45.	Mr. Khin Maung Myint	Adviser, Department of Civil Aviation Headquarters Building, Airport Road, Mingalardon Tsp., 11021, Yangon, Myanmar	Tel: +951 533002 +951 533013 Fax: +951 533000	<a href="mailto:kmm.dca@gmail.com">kmm.dca@gmail.com</a> ;
46.	Mr. Tin Maung Thein	Deputy Director, Aerodrome Standards & Safety Div. Department of Civil Aviation Headquarters Building, Yangon, Myanmar	Tel: +951 533002 +951 533013 Fax: +951 533000	<a href="mailto:aktttaaviation@gmail.com">aktttaaviation@gmail.com</a> ;
47.	Mr. Tun Zaw	Executive Engineer, Aerodrome Standards & Safety Division, Department of Civil Aviation Headquarters Building, Yangon, Myanmar	Tel: +951 533002 +951 533013 Fax: +951 533000	<a href="mailto:tunzawdca@gmail.com">tunzawdca@gmail.com</a> ;

**LIST OF AOP FOCAL POINTS**

<b>NAME</b>	<b>TITLE/ORGANIZATION</b>	<b>TEL/FAX NUMBER</b>	<b>E-MAIL</b>
<b>22. NAURU</b>			
48.	Mr. Dominic Tabuna	Director, Civil Aviation Authority of Nauru 1 <sup>st</sup> Floor, Nauru International Airport, Yaren, Nauru	Tel: +674 557 3122 Mob: +674 557 3091  <a href="mailto:djtabuna@gmail.com">djtabuna@gmail.com;</a>
<b>23. NEPAL</b>			
49.	Mr. Deo Chandra Lal Karn	Director, Aerodrome Design and Operations Panel Wildlife Hazard Management Expert Group-Member Civil Aviation Authority of Nepal Head Office, Babarmahal, Kathmandu	Tel: +977 1 426 2324  <a href="mailto:d_karna@hotmail.com">d_karna@hotmail.com;</a>
50.	Mr. Babu Ram Paudel	Director, Aerodrome Safety & Standards Department Civil Aviation Authority of Nepal Head Office, Babarmahal, Kathmandu	Tel: +977 1 448 5787 Mob: +98510 96733  <a href="mailto:paudelbabu@gmail.com">paudelbabu@gmail.com;</a>
51.	Mr. Dipendra Shrestha	Manager Civil Aviation Authority of Nepal Head Office, Babarmahal, Kathmandu	Tel: +977 1 426 2387  <a href="mailto:dpndrs@gmail.com">dpndrs@gmail.com;</a>
<b>24. NEW ZEALAND</b>			
52.	Mr. Sean Rogers	Manager Aeronautical Services Civil Aviation Authority of New Zealand PO Box 3555, Wellington, New Zealand 6140	–  <a href="mailto:Sean.Rogers@caa.govt.nz">Sean.Rogers@caa.govt.nz;</a>
53.	Mr. John McKinlay	Senior Technical Specialist - Aeronautical Services (CAA Editor AIPNZ) Civil Aviation Authority of New Zealand Level 15, Asteron Centre, 55 Featherston St., Wellington, 6011 New Zealand	Tel: +64 (0) 4560 9627 Ext 4627 Mob: +64 (0) 274 428 463  <a href="mailto:John.McKinlay@caa.govt.nz">John.McKinlay@caa.govt.nz;</a>
<b>25. PAKISTAN</b>			
54.	Mr. Abdullah Khan	Sr. Joint Director National Airfield Clearance Policy & Airstrip/Heliports Licensing	Tel: +021 99072759  <a href="mailto:Abdullah.Khan@caapakistan.com.pk">Abdullah.Khan@caapakistan.com.pk;</a>

**LIST OF AOP FOCAL POINTS**

NAME		TITLE/ORGANIZATION	TEL/FAX NUMBER	E-MAIL
55.	Mr. John William	Senior Joint Director/Aerodrome standards. Pakistan Civil Aviation Authority. Directorate of airspace & aerodrome Regulations. Inspectorate Building JIAP, Karachi Pakistan	Tel: +92-21-99072768 Mob: +0345-9998916, +0336-9498916	<a href="mailto:John.William@caapakistan.com.pk">John.William@caapakistan.com.pk</a> ;
<b>26. PALAU</b>				
56.	Mr. Richard Alonz	Acting Administrator Palau National Aviation Administration Palau International Airport Compound P.O. Box 6051, Koror, Republic of Palau	–	<a href="mailto:pnaa@palaunet.com">pnaa@palaunet.com</a> ; <a href="mailto:palaudgca@gmail.com">palaudgca@gmail.com</a> ; <a href="mailto:pnaa.safety@gmail.com">pnaa.safety@gmail.com</a> ; <a href="mailto:richalonz4@gmail.com">richalonz4@gmail.com</a> ;
<b>27. PAPUA NEW GUINEA</b>				
57.	Mr Percy Sukbat	Senior Aerodrome Inspector, Civil Aviation Safety Authority	Tel: +675 3027541 Mob: +70306849	<a href="mailto:psukbat@casapng.gov.pg">psukbat@casapng.gov.pg</a> ;
<b>28. PHILIPPINES</b>				
58.	Mr. Arnel F. Borlado	Department Manager III, Aerodromes Development and Management Service Civil Aviation Authority of the Philippines	Tel: +639162193221	<a href="mailto:arnelfb_67@yahoo.com">arnelfb_67@yahoo.com</a> ;
59.	Mr. Erwin G. Jamero	Division Chief IV, Aerodromes and Air Navigation Safety Oversight Office Civil Aviation Authority of the Philippines	Tel: +632 944 2286	<a href="mailto:egjamero@gmail.com">egjamero@gmail.com</a> ;
<b>29. REPUBLIC OF KOREA</b>				
60.	Mr. Jaehong Jung	Assistant Director Ministry of Land Infrastructure & Transportation No.11 Doum Gro, Sejong self-governing city	Tel: +82 44 201 4343 Fax: +82 44 201 5635	<a href="mailto:pans2021@korea.kr">pans2021@korea.kr</a> ;
<b>30. SAMOA</b>				
61.	Mr. Aussie Tanuvasa	Operations Officer I, Civil Aviation Division Ministry of Works, Transport & Infrastructure 1 Level 4, TATTE Building, SOGI	Tel: (0685) 21 611 ext 228 I Fax: (0685) 23 565	<a href="mailto:aussie.tanuvasa@mwti.gov.ws">aussie.tanuvasa@mwti.gov.ws</a> ;

**LIST OF AOP FOCAL POINTS**

NAME		TITLE/ORGANIZATION	TEL/FAX NUMBER	E-MAIL
62.	Ms. Malagamaalii Tamara Keti Fuimaono Michael	Operations Officer I, Civil Aviation Division Ministry of Works, Transport & Infrastructure 1 Level 4, TATTE Building, SOGI	Tel: +685 21 611 ext. 228 I; +685 7588038 Fax: +685 23 565	<a href="mailto:tamara.michael@mwti.gov.ws">tamara.michael@mwti.gov.ws</a> ;
<b>31. SINGAPORE</b>				
63.	Ms. Wong Qi Wen	Deputy Head (Aerodrome Operation Regulation) Civil Aviation Authority of Singapore Singapore Changi Airport, PO Box 1, Singapore	Tel: +65 6541 3037 Fax: +65 6542 3869	<a href="mailto:wong_qi_wen@caas.gov.sg">wong_qi_wen@caas.gov.sg</a> ;
64.	Mr. Teo Tian Hong	Senior Chief (Aerodrome)/Chief (Changi Tower West) Civil Aviation Authority of Singapore Singapore Changi Airport, PO Box 1, Singapore	Tel: +65 6422 7636	<a href="mailto:Teo_tian_hong@caas.gov.sg">Teo_tian_hong@caas.gov.sg</a> ;
<b>32. SOLOMON ISLANDS</b>				
65.	Mr. Rex Alafa	Coordinator (Aerodromes) Civil Aviation Authority of Solomon Islands	–	<a href="mailto:alafa_r@caasi.com.sb">alafa_r@caasi.com.sb</a> ;
<b>33. SRI LANKA</b>				
66.	Ms. Shereena Casseer	Director Aerodromes & Facilitation Civil Aviation Authority of Sri Lanka No. 152/1, Minuwangoda Road, Katunayake	Tel: +94112355800	<a href="mailto:daf@caa.lk">daf@caa.lk</a> ;
67.	Mr. H. M. Rangana Samanpriya	Senior Civil Aviation Inspector – Aerodromes Civil Aviation Authority of Sri Lanka No. 152/1, Minuwangoda Road, Katunayake	Tel: +9411 2358844 Fax: +9411 2257166	<a href="mailto:scaiae@caa.lk">scaiae@caa.lk</a> ;
<b>34. THAILAND</b>				
68.	Mr. Thittaya Sangathai	Head of Aerodrome Certification Division Civil Aviation Authority of Thailand 333/105 Laksi Plaza, Khampheng Phet 6 Rd. Talad Bangkhen, Laksi, Bangkok 10210	Tel: +66 2 568 8827 Fax: +66 2 576 1904	<a href="mailto:thittaya.s@caat.or.th">thittaya.s@caat.or.th</a> ;
69.	Ms. Chomchanok Huayhong	Aerodrome Certification Officer Civil Aviation Authority of Thailand	Tel: +66 2 568 8827 Fax: +66 2 576 1904	<a href="mailto:chomchanok.h@caat.or.th">chomchanok.h@caat.or.th</a> ;

**LIST OF AOP FOCAL POINTS**

NAME		TITLE/ORGANIZATION	TEL/FAX NUMBER	E-MAIL
70.	Ms. Angsana Roonthong	Aerodrome Safety Inspector Civil Aviation Authority of Thailand	Tel: +66 2 568 8827	<a href="mailto:angsana.r@caat.or.th">angsana.r@caat.or.th</a> ;
71.	Mr. Pongsatorn Punoppakit	Aerodrome Safety Inspector Civil Aviation Authority of Thailand	Tel: +66 2 568 8827	<a href="mailto:pongsatorn.p@caat.or.th">pongsatorn.p@caat.or.th</a> ;
<b>35. TIMOR-LESTE</b>				
72.	Mr. Armando Da Silva	Civil Aviation Authority of Timor-Leste (AACTL) Ministry of Transports and Telecommunications Caicoli Dili, Timor-Leste	Tel: (+670) 78572600	<a href="mailto:asilva@aactl.gov.tl">asilva@aactl.gov.tl</a> ;
<b>36. TONGA</b>				
73.	Mr. Meleitanoa Havea	Civil Aviation Division Ministry of Infrastructure (MOI/CAD) P.O. Box 52, Nuku'alofa, Tonga	–	<a href="mailto:mhavea@infrastructure.gov.to">mhavea@infrastructure.gov.to</a> ; <a href="mailto:meleitanoa.havea@gmail.com">meleitanoa.havea@gmail.com</a> ;
<b>37. TUVALU</b>				
74.	Mr. Uinga Paelate	Director, Civil Aviation, Tuvalu	–	<a href="mailto:dca.tuvalu@gmail.com">dca.tuvalu@gmail.com</a> ;
<b>38. UNITED STATES</b>				
75.	Mr. Michael Watkins	Senior Air Traffic Representative, Asia Pacific Federal Aviation Administration, Air Traffic Organization, System Operations US Embassy, Singapore	–	<a href="mailto:michael.w.watkins@faa.gov">michael.w.watkins@faa.gov</a> ;
76.	Mr. Khalil Elia Kodsi	Sr. Foreign Affairs Specialist Office of Airports, Suite 616 800 Independence, Avenue S.W. Washington D.C. 20591	–	<a href="mailto:Khalil.kodsi@faa.gov">Khalil.kodsi@faa.gov</a> ;
77.	Ms. Lillian Miller	Foreign Affairs Specialist Office of Airports, Suite 616 800 Independence, Avenue S.W. Washington D.C. 20591	Tel: +202-267-3367	<a href="mailto:Lillian.Miller@faa.gov">Lillian.Miller@faa.gov</a> ;

**LIST OF AOP FOCAL POINTS**

NAME		TITLE/ORGANIZATION	TEL/FAX NUMBER	E-MAIL
39.	<b>VANUATU</b>			
78.	Ms. Jackie Langati Trief	Director Civil Aviation Authority of Vanuatu	–	<a href="mailto:civav@vanuatu.com.vu">civav@vanuatu.com.vu</a> ; <a href="mailto:jlangati.civav@vanuatu.com.vu">jlangati.civav@vanuatu.com.vu</a> ;
79.	Ms. Naiany Karu	Assistant Director / Aerodromes Officer Civil Aviation Authority of Vanuatu	–	<a href="mailto:naiany.civav@vanuatu.com.vu">naiany.civav@vanuatu.com.vu</a> ;
40.	<b>VIET NAM</b>			
80.	Mr. Nguyen Duong	Deputy Director - Airport Management Dept., Civil Aviation Authority of Vietnam (CAAV) 119 Nguyen Son Str., Long Bien Dist., Ha Noi	Tel: +0913211115	<a href="mailto:nguyenduong@caa.gov.vn">nguyenduong@caa.gov.vn</a> ;
81.	Mr. Nguyen Huu Duc	Official Civil Aviation Authority of Vietnam 199 Nguyen Son, Long Bien, Ha Noi	Tel: +84 906 528 884	<a href="mailto:nguyenhuuduc@caa.gov.vn">nguyenhuuduc@caa.gov.vn</a> ;
<b>INTERNATIONAL ORGANISATIONS</b>				
41.	<b>ACI</b>			
82.	Mr. S. L Wong	Head - Technical Affairs, Safety, Capacity and ATM, Airports Council International	–	<a href="mailto:sl@aci-asiapac.aero">sl@aci-asiapac.aero</a> ;
83.	Mr. Ken Lau	Senior Manager – Environment and Airport Information Technology, ACI Asia-Pacific Airports Council International Hong Kong International Airport, Hong Kong	–	<a href="mailto:ken@aci-asiapac.aero">ken@aci-asiapac.aero</a> ;
42.	<b>COSCAPs</b>			
84.	Capt. Marie Zubryckyj	Programme Coordinator COSCAP-South Asia Dhaka-1229, Bangladesh	Tel: +880 2 8901497 Fax: +880 2 8901498	<a href="mailto:mzubryckyj@icao.int">mzubryckyj@icao.int</a> ;
85.	Ms. Susan	COSCAP-NA Beijing 100600, P.R. China	Tel: +86-10-84001671 Fax: +86-10-84024554	<a href="mailto:sun.qun.susan@coscap-icao.org">sun.qun.susan@coscap-icao.org</a> ;

**LIST OF AOP FOCAL POINTS**

NAME	TITLE/ORGANIZATION	TEL/FAX NUMBER	E-MAIL
43.	<b>PACIFIC AVIATION SAFETY OFFICE</b>		
86.	Mr. Mike Haines AGA Technical Advisor PASO	-	<a href="mailto:mhaines@paso.aero">mhaines@paso.aero;</a>

*Note:-*

Representative of DCA, Niue (For reference and communication):

Mr. Bill McGregor

Director, Civil Aviation

Department of Transport

Ministry of Infrastructure

Government of Niue

Alofi, NIUE

E-mail: [wkl.macgregor@gmail.com](mailto:wkl.macgregor@gmail.com)