



ICAO

The Fourth Meeting of the Aerodromes Operations and Planning Sub-Group (AOP/SG/4)*Video Teleconference, 10 to 13 November 2020***Agenda Item 5: AOP Air Navigation Service Deficiencies****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 30th Meeting of APANPIRG (4 to 6 November 2019, Bangkok, Thailand) in the AOP field for review by the AOP/SG. 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 for States / Administrations to review and update.

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 Sub-groups 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 through 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/30 Meeting held in Bangkok (4 to 6 November 2019) and urged States concerned to provide the necessary resources for the elimination of Deficiencies and inform the Regional Office the action taken. APANPIRG/30 in Conclusion 30/19 noted that it was the responsibility of States with Deficiencies to update the information in the Deficiency database and the Regional Office will update the Deficiencies based on written confirmation provided by their respective Administrations.

2.2 ICAO Regional Office in State Letters AN 3/3 – AP133/19 (AGA) dated 29 November 2019 and T 11/2.1 - AP-AGA0015/20 dated 28 May 2020 followed up with the concerned States for resolving the Air Navigation Deficiencies. Brunei Darussalam, India, Mongolia, Myanmar, Nepal, Thailand and Viet Nam provided updates on AOP Air Navigation Deficiencies.

2.3 The list of Air Navigation Deficiencies in the AOP Field updated based on information provided by States is provided in the **Attachment A** for review by the Meeting.

2.4 APANPIRG/29 in Conclusion 29/27 provided a note, which is reproduced below.

Note: In case States provide satisfactory evidence to the APAC Office for the resolution of the deficiencies, the APAC Office in consultation with the Chair of respective Sub Group and subsequent approval from Chairman of APANPIRG may take action to remove the deficiency from APANPIRG open deficiency list.

Certification of Aerodromes used for International Operations in Asia Pacific States

2.5 Recognizing the Ministers' commitment to certify all aerodromes used for international operations by 2020 through the Beijing Declaration, APANPIRG AOP/SG to assist and monitor the implementation of related aspects of Beijing Declaration and report progress to the annual APAC DGCA Conference and States and Aerodrome Operators to take an effective action on Action Item 55/42 of the 55th Conference of the Asia Pacific Director Generals of Civil Aviation, the APANPIRG/30 (4 to 6 November 2019, Bangkok, Thailand) adopted the following Conclusion formulated by the AOP/SG/3:

Conclusion APANPIRG/30/4: Certification of aerodromes used for international operations in Asia Pacific States

That, the Ministers of Asia and Pacific States committed to certify all aerodromes used for international operations by 2020 through the Beijing Declaration. The AOP/SG monitors the aerodrome certification implementation commitment of the Beijing Declaration and reports progress to the annual APAC DGCA Conference through the APANPIRG. States and Aerodrome Operators should take effective actions on Action Item 55/42 agreed at the 55th Conference of the APAC DGCA.

In view of above, the Meeting:

- a) Urged States and their Aerodrome Operators that have yet to certify aerodromes used for international operations to take an effective action on the 55th DGCA Action Item 55/42;

- b) Urged States to provide periodic updates on the progress of the certification of aerodromes to the ICAO APAC Office;
- c) Urged States that have not published the status of certification of aerodromes in State’s AIP to publish the status as soon as possible in accordance with Annex 14 Volume I (para. 2.13.1), PANS-Aerodromes (para. 2.3.7) and Appendix 2 to PANS-AIM (Doc 10066);
- d) Agreed that, if any aerodrome used for international operations fails to obtain an aerodrome certificate from the Regulatory Authority by fulfilling ICAO Annex 14 requirements under the aerodrome certification process by 2020, or fails to maintain the aerodrome certificate already obtained, will be subject to being included on the APANPIRG AOP Air Navigation Deficiency list against para. 1.4 (certification of aerodromes) of the Annex 14, Volume I;
- e) Agreed that, if any States fail to achieve the target of the Beijing Declaration on certification of aerodromes by 2020 will be subject to being included on the APANPIRG AOP Air Navigation Deficiency list against para. 1.4 of the Annex 14, Volume I;
- f) Agreed that, if any States fails to publish the status of certification of aerodromes in State’s AIP by December 2019 will be subject to being included on the APANPIRG AOP Air Navigation Deficiency list against ICAO Annex 14 para. 2.13.1 a), PANS-Aerodromes, para. 2.3.7 and Appendix 2 to PANS-AIM.

2.6 In connection with **Conclusion APANPIRG/30/4**, the States / Administrations / aerodromes identified in WP/11 will be included in the APANPIRG AOP Deficiency List after review and endorsement by APANPIRG/31, with effect from 1 January 2021.

AOP Focal Points

2.7 Based on the previous communications with and participation in AOP/SG meetings from States / Administrations, ICAO APAC Office prepared a list of AOP Focal Points in **Attachment B**. The list will allow 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.

2.8 AOP/SG/4 is invited to consider and adopt the following Draft Conclusion:

Draft Conclusion AOP/SG/4-x: AOP Focal Points	
What: That, States / Administrations be urged to review and update contact details of AOP Focal Points, as contained in Attachment B to AOP/SG/4 WP/16 , for the coordination of actions to resolve the APANPIRG Air Navigation Deficiencies in the AOP Field and for other AOP matters.	Expected impact: <input type="checkbox"/> Political / Global <input type="checkbox"/> Inter-regional <input type="checkbox"/> Economic <input type="checkbox"/> Environmental <input checked="" type="checkbox"/> Ops/Technical
Why: To streamline the communications between States / Administrations and ICAO APAC Office on AOP matters	Follow-up: <input checked="" type="checkbox"/> Required from States

Revision 1

Agenda Item 5

When:	13-Nov-20	Status:	Draft to be adopted by Subgroup
Who:	<input checked="" type="checkbox"/> Sub groups <input checked="" type="checkbox"/> APAC States <input checked="" type="checkbox"/> ICAO APAC RO <input type="checkbox"/> ICAO HQ <input type="checkbox"/> Other:		

3 ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) review the Deficiencies listed in the **Attachment A** for further action by APANPIRG/31;
- b) update the deficiency list based on recent actions taken by States; and
- c) adopt the Draft Conclusion contained in para. 2.8;

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

Updated 30 Oct 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	Afghanistan							
	Herat International Airport	Aerodrome Certification	Effective from 1 Jan 2021	Aerodrome yet to be certified.				A
	Kabul International Airport	Aerodrome Certification	Effective from 1 Jan 2021	Aerodrome yet to be certified.				A
	Kandahar International Airport	Aerodrome Certification	Effective from 1 Jan 2021	Aerodrome yet to be certified.				A
	Mazar-e-Sharif 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

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	American Samoa (US) 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 30 Oct 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	Australia 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 30 Oct 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	Bangladesh Hazrat Shahjalal International Airport, Dhaka	Runway/ Taxiway	ICAO mission April 2009	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
Annex 14 Volume I	Osmani International 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

Updated 30 Oct 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	Brunei Darussalam Brunei International Airport	Runway	ICAO Mission of April 2011	vegetation along pavement edges and strip higher than the adjacent runway pavement; uneven earth mounds on strip faded centre line and other markings;	All pavement edges and strips are cleared from vegetation and lower than adjacent runway pavement especially after the completion of the Airfield Pavement Rehabilitation Project in Nov 2017.	Airport Operator (DCA Aerodrome Division)	Completed	A
					Earth mounds previously found on taxiways strips have been destroyed and flattened.		Completed	CLOSED
		Taxiway		non provision of enhanced taxiway centre line marking in accordance with Para 5.2.8 of Annex 14, Volume I Objects on taxiway strips; vegetation on pavement joints and maintenance of joints	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

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**
		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
		Rescue and Fire Fighting (RFF):		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 Pavement Rehabilitation Project.	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**
				non provision of road holding position sign at all road entrances to a runway; and	Brunei International Airport aerodrome does not have any roads that link directly to the runway and all access areas via taxiways and have their signages in place. Other areas have been enhanced with 'STOP' marking prior to entrance.	Airport Operator (DCA Aerodrome Division)	Completed CLOSED	A
		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
		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 30 Oct 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	China							
	Hualien Airport	Aerodrome Certification	Effective from 1 Jan 2021	Aerodrome yet to be certified.				A
	Taichung Airport	Aerodrome Certification	Effective from 1 Jan 2021	Aerodrome yet to be certified.				A
	Tainan 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 30 Oct 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	Cook Islands 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 30 Oct 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	Fiji Islands Nadi International Airport	Runway/ Taxiway	ICAO mission June 2010	Provision of RESA in accordance with Section 3.5 of Annex 14, Volume I requirements;	RESA will be provided	Airport Operator – Fiji Airports	ACTION TAKEN (PARTIALLY COMPLETED):- RESA provided for the runway ends:- *RWY 09 – 90mx90m (compliant) *RWY 20 - 90mx90m (compliant) *RWY 02 – 30m x 90m (limited due to the Localizer aerial) *RWY 27 – nil (limited due to sea located at the end of the strip area) Information published in the State AIP For the non-compliant RWY 02 and RWY 27, a safety case has been presented by the Aerodrome Operator for issue of an Exemption until RESA is able to be provided in 2020. Target date – End of 2020	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	Nausori International Airport	Runway/ Taxiway	June 2010	Provision of RESA in accordance with Section 3.5 of Annex 14, Volume I requirements.	RESA will be provided	Airport Operator – Fiji Airports	ACTION TAKEN (PARTIALLY COMPLETED): RESA provided for runway ends:- *RWY 10 – 30mx30m (limited due to airport boundary) *RWY 28 - nil (limited due to public road) Information published in the State AIP A safety case has been presented by the Aerodrome Operator for issue of an Exemption until RESA is able to be provided in 2020. Target date – End of 2020	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 30 Oct 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	Guam (US) 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 30 Oct 2020

Identification		Deficiencies			Corrective Action			Priority for action**
Requirements	States/facilities	Description	Date first reported	Remarks	Description	Executing body	Target date of completion	
Annex 14 Volume I	India 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.	300 280 m 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. October 2019. Presently distance between RWY 25 Centerline to TWY 'A' is 123m and to provide RWY Strip of 150m, TWY 'B' will be straightened from intersection TWY 'C'.	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.	300 280 m strip width for full length of runway 09/27 will be made available	MIAL	31 Dec 2020. 31 Dec 2022. Due to presence of slum in beginning of RWY 09/27 south – RWY strip 300 280 m not available. Due to presence of slum of either side at beginning of RWY 14/32 – RWY strip 300 280 m not available.	A
Annex 14 Volume I	Chandigarh 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	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
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 30 Oct 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	Japan							
	Hyakuri Airport	Aerodrome Certification	Effective from 1 Jan 2021	Aerodrome yet to be certified.				A
	Komatsu Airport	Aerodrome Certification	Effective from 1 Jan 2021	Aerodrome yet to be certified.				A
	Tokushima Airport	Aerodrome Certification	Effective from 1 Jan 2021	Aerodrome yet to be certified.				A
	Miho 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 30 Oct 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	Kiribati							
	Christmas Island Airport, Kiritimati	Aerodrome Certification	Effective from 1 Jan 2021	Aerodrome yet to be certified.				A
	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 30 Oct 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	Lao PDR 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			A	
				Provision of enhanced taxiway centre line marking in accordance with Para 5.2.8 of Annex 14, Volume I		Already completed by Airports of Laos in December 2018	Provided Completed [CLOSED]		
			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		Will complete in December 2019	A
			Wildlife Hazards:		Establishing a national bird control committee in accordance with APANPIRG conclusion 18/1.	We are repairing plan for estibllition committee for approval from Ministry		Will complete in December 2019	B
			Aerodrome Certification	Effective from 1 Jan 2021	Aerodrome yet to be certified.				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			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**
		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		Will complete in December 2019	A
		Aerodrome Certification	Effective from 1 Jan 2021	Aerodrome yet to be certified.				A
	Savannakhet International Airport	Aerodrome Certification	Effective from 1 Jan 2021	Aerodrome yet to be certified.				A
	Pakse International 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 30 Oct 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	Malaysia							
	Kuantan Haji Ahmad Shah Airport	Aerodrome Certification	Effective from 1 Jan 2021	Aerodrome yet to be certified.				A
	Labuan 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 30 Oct 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	Marshall Islands 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 12 June 2019

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	Maldives Velana International Airport	Runway/ Taxiways	AGA Mission Report April 2008	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 30 Oct 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	Micronesia (Federated States of) 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 30 Oct 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	Nauru Nauru International 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 30 Oct 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	Niue (New Zealand) 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 30 Oct 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	New Zealand 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 30 Oct 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	Northern Mariana Islands (US) 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 30 Oct 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	Palau 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 30 Oct 2020

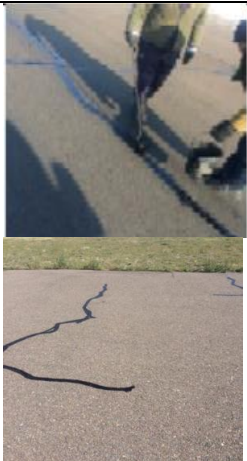
Identification		Deficiencies			Corrective Action			
Requirements	States/facilities	Description	Date first reported	Remarks	Description	Executing body	Target date of completion	Priority for action**
Annex 14 Volume I	Philippines							
	Kalibo International Airport, Akla	Aerodrome Certification	Effective from 1 Jan 2021	Aerodrome yet to be certified.				A
	Ninoy Aquino International Airport, Manila	Aerodrome Certification	Effective from 1 Jan 2021	Aerodrome yet to be certified.				A
	Puerto Princesa International Airport	Aerodrome Certification	Effective from 1 Jan 2021	Aerodrome yet to be certified.				A
	Bohol-Panglao International 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

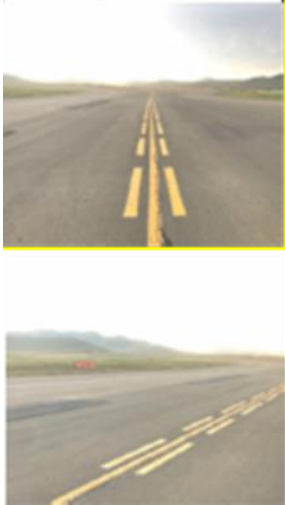
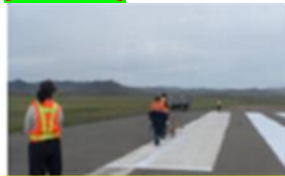
Updated 2 July 2020

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	Mongolia	Runway	ICAO Mission of July 2011	rubber deposits and faded centre line and other faded markings;	Rubber deposits will be removed.	Civil Aviation Authority of Mongolia	The rubber deposits were removed within the 180m ² area of the runway strip in 2017.	A
	The faded lines and faded markings will be provided.				 <p>The faded lines and faded markings were remarked each year.</p> <p>[CLOSED]</p>			



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**
		Taxiway		Resealing cracks on pavement surface with sealants to prevent ingress of water and broken edges which could cause FOD issues.	The cracks will be fixed.	Civil Aviation Authority of Mongolia	 <p>The cracks among with 5445 meter long on the pavement surface of the taxiway, were fixed in 2017 as per prescribed in Aerodrome Manual.</p> <p>[CLOSED]</p>	A
		Taxiway		Provision of enhanced taxiway centre line marking in accordance with Para 5.2.8 of Annex 14, Volume I.	The taxiway centre line marking will be provided in accordance with Para 5.2.8 of Annex 14, Volume I.	Civil Aviation Authority of Mongolia	<p>The taxiway enhanced center line were painted in 2017, as per Para 5.2.8 of Annex 14, Volume I.</p> <p>[CLOSED]</p>	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**
								
		Taxiway		faded taxiway markings	The taxiway markings will be repainted.	Civil Aviation Authority of Mongolia	<p>The faded taxiway markings were repainted within the totally 10305 m2 area in 2017, by using 1157 kg white paint, 887.25 kg yellow paint, 42 kg black paint, 98 kg red paint, 756.5 kg diluent and 674.5 kg reflectors, as per Aerodrome Manual.</p> <p>[CLOSED]</p> 	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**
								
		Taxiway		Maintenance of pavement cracks	Pavements cracks will be fixed.	Civil Aviation Authority of Mongolia	The pavement cracks within the totally 66.24m ² area of the taxiway were repaired by using 10749.35 kg cold mix asphalt and 400 kg modified cements in 2017 as per Aerodrome Manual.	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**
		Taxiway		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
				provision of taxiway hold position signs on all hangar taxiways at entrances to the active taxiways/runway.	The taxiway hold position signs on all hangar taxiways at entrances to the active taxiways/runway will be provided.	Civil Aviation Authority of Mongolia	The taxiway information signs on all hangar taxiways at entrances to the active taxiway were provided in 2017. Also intermediate holding position marking were provided on hangar taxiways. [CLOSED] 	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**
								
		Apron		sealing the cracks on the apron surface	The cracks on the apron surface will be resealed.	Civil Aviation Authority of Mongolia	Total 12840m long cracks on the apron surface were resealed in 2017, as per Aerodrome Manual and in scope of Aerodrome maintenance plan. (CLOSED)	A
		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 ² area including, taxiway strip, glide path antenna and apron area, as per Aerodrome manual of, in scope of Aerodrome	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**
							<p>maintenance plan.</p> 	
		Wildlife Hazards		<p>establishing a national bird control committee in accordance with APANPIRG conclusion 18/1;</p> <p>collect wildlife reports and forward to ICAO for inclusion in the ICAO IBIS.</p>	<p>The National Bird Control Committee will be established committee in accordance with APANPIRG Conclusion 18/1.</p> <p>The wildlife reports will be submitted to the ICAO IBIS annually.</p>	Civil Aviation Authority of Mongolia	<p>“National bird strike prevention program” was approved by the 48th order of the Minister of Road and Transport, Mongolia, 2 March, 2016.</p> <p>The National Bird Strike Committee was established by the 95th order of the Minister of Road and Transport, Mongolia, 14 April 2016.</p> <p>[CLOSED]</p>	<p>B</p> <p>B</p>

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

Updated 2 July 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	Myanmar 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. See Annex Pg-3. RESA for RWY 03 — 30 Nov 2019 Revised date- 31 Dec 2020	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) 31 Dec 2019 Revised date- 31 Aug 2020	B
Annex 14, Volume I	Mandalay International Airport	Runway/ Taxiway	April 2010	Provision of RESA in accordance with Section 3.5 of Annex 14, Volume I requirements;	RESA will be provided	MC-Jalux Airport Services Co; Ltd;	(Risk Assessment conducted by the operator submitted on 15 March 2019) 31 Dec 2019 Completed on 27 March 2020 [CLOSED]	A

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

15 October 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	Nepal	Runway/ taxiways	ICAO Mission of February 2008	Provision of RESA in accordance with section 3.5 of ICAO Annex 14, Volume I.	RESA will be provided	Tribhuvan International airport/ CAAN	Estimated Implementation Date (Start of work): 06/08/2017 dated of completion 31/01/2019 Estimated Implementation Date is 30/09/2020 (Civil construction works already completed)	U
	Kathmandu International Airport Tribhuvan International Airport			Insufficient runway strip, refer recommendations given in section 3.4 of Annex 14, Volume I.	Provide runway strip as per ICAO recommendations	Master Plan Review of TIA is in process from Intl. Consulting firm. TIA Master Plan Review from Int'l Consulting firm, first phase of construction will to start within 2020.	A	

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

Updated 30 Oct 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	Pakistan AIP	Status of Certification of Aerodromes in AIP	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.				A

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

Updated 30 Oct 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	Samoa	Runway Strip	ICAO Mission of Oct. 2015	Insufficient Runway Strip				A
	Faleolo International Airport	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 30 Oct 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	Solomon Islands Honiara International Airport/Hender son 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

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	Sri Lanka 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	AASL has informed that the Runway Safety Team – BIA will carry out the safety study and submit the report by June 2018. Preliminary Report of the Safety Study of AASL was reviewed in April 2018.	A
				Establishment of a national bird committee in accordance with APANPIRG Conclusion 18/1.	National Bird Committee will be established.		1 st Draft of TOR of National Bird Control Committee of Sri Lanka has been compiled and ready for ratification.	A

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

Updated 30 Oct 2020

Identification		Deficiencies			Corrective Action			Priority for action**
Requirements	States/facilities	Description	Date first reported	Remarks	Description	Executing body	Target date of completion	
Annex 14, Volume I	Thailand 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.	Airports of Thailand Public Company Limited	Runway End Safety Area will be provided to satisfy Section 3.5 of Annex 14, Volume I requirements. The construction is expected to be completed in 2021.	U
					Remark: - Dimension of RESA RWY09 is 150x190 m. - Dimension of RESA RWY27 is 150x120 m.		The construction is expected to be completed in 2022. Currently, the construction plan has been approved. The budget approval is in progress.	
				Runway strip width insufficient (280m runway strip for precision approach runways in accordance with Para 3.4.5 3 of Annex 14, Volume I.	280m 300m runway strip width for full length of runway 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 runway strip width will be extended 150m on the right	Airports of Thailand Public Company Limited	280m runway strip width for full length of runway will be provided. The project is expected to be completed by 2021. The construction is expected to be completed by 2022. Currently, the construction plan has been approved. The budget approval is in progress.	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**
					side of RWY09 centre line and 90.27m on the left side of the runway centre line (due to the marsh near the runway).			
	Krabi Airport	Aerodrome Certification	Effective from 1 Jan 2021	Aerodrome yet to be certified.				A
	Hua Hin Airport	Aerodrome Certification	Effective from 1 Jan 2021	Aerodrome yet to be certified.				A
	U-Taphao Pattaya International Airport	Aerodrome Certification	Effective from 1 Jan 2021	Aerodrome yet to be certified.				A
	Samui Airport	Aerodrome Certification	Effective from 1 Jan 2021	Aerodrome yet to be certified.				A
	Surat Thani 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 30 Oct 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	Timor-Leste	Aerodrome Certification	Effective from 1 Jan 2021	Aerodrome yet to be certified.				A
	Presidente Nicolau Lobato International Airport, Dili							
	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.				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 30 Oct 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	Tonga 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 30 Oct 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	Tuvalu Funafuti International 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 30 Oct 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	Vanuatu 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 30 Oct 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	Viet Nam Noi Bai International Airport, Hanoi	Bird Hazard	ICAO mission March 2010	Wildlife strike report submission to ICAO for inclusion in IBIS.	Submission of wildlife strike reports to ICAO for inclusion in IBIS.	Airport Operator (ACV)	<p>- Airport Operator (ACV) periodically reports to CAAV about wildlife strike according to CAAV's Decision 399/QD-CHK dated February 25th 2015 on aviation safety report.</p> <p>- CAAV submitted 2016, 2017, 2018 wildlife strike reports to ICAO on December 17th 2018, and has started to periodically submit wildlife strike reports to ICAO for inclusion in IBIS since 2019.</p> <p>CLOSED</p> <p>Quarter I, 2018 Airport Corporation of Viet Nam (ACV) annually reports to CAAV about wildlife strike, bird information as well as measures to control incidents from birds according to Regulation 399/CHK issued by CAAV about safety report. CAAV is developing data base and is preparing report submission to ICAO for inclusion in IBIS.</p>	B

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	Tan Son Nhat International Airport, Ho Chi Minh City	Runway/Taxiway	March 2010	Provision of RESA in accordance with Section 3.5 of Annex 14, Volume I requirements;	Provide RESA	Airport Operator (ACV)	<p>WORK IN PROGRESS</p> <p>* RESA for the runway 25L/07R: The runway is being re-designed for upgrading and setting up the RESA.</p> <p>Target date of completion: End of 2020.</p> <p>* RESA for the runway 25R/07L:</p> <p>Target date of completion: End of 2021.</p> <p>Exemption granted by CAAV to Airport Operator till RESA is able to be provided.</p> <p>December 2018</p> <p>At present, Tan Son Nhat Intl airport is re-designed for upgrading the runways and setting up the RESA.</p>	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**
				Wildlife strike report submission to ICAO for inclusion in IBIS.	Submission of wildlife strike reports to ICAO for inclusion in IBIS.	Airport Operator (ACV)	<p>- Airport Operator (ACV) periodically reports to CAAV about wildlife strike according to CAAV's Decision 399/QD-CHK dated February 25th 2015 on aviation safety report.</p> <p>- CAAV submitted 2016, 2017, 2018 wildlife strike reports to ICAO on December 17th 2018, and has started to periodically submit wildlife strike reports to ICAO for inclusion in IBIS since 2019.</p> <p>[CLOSED]</p> <p>Quarter I, 2018</p> <p>Airport Corporation of Viet Nam (ACV) annually reports to CAAV about wildlife strike, bird information as well as measures to control incidents from birds according to Regulation 399/CHK issued by CAAV about safety report. CAAV is developing data base and is preparing report submission to ICAO for inclusion in IBIS.</p>	B

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 PANS- Aerodromes PANS-AIM	AIP	Status of Certification of Aerodromes in AIP	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.				A

* 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.



ICAO

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

LIST OF AOP FOCAL POINTS [Updated on 10 October 2020]

NAME	TITLE/ORGANIZATION	TEL/FAX NUMBER	E-MAIL
1. AUSTRALIA			
1.	Mr. Andrew Sparrow [Ref: APANPIRG/30]	Manager Air Navigation, Aerodromes and Airspace Branch, Civil Aviation Safety Authority Canberra City, Australia	Tel: +612 6217 1690 Fax: +61459895030 andrew.sparrow@casa.gov.au ;
2.	Mr. Roy Tuomela	Manager ATM System Standards Flight Standards Branch CASA\Aviation Group 6 Furzer Street, Phillip ACT 2606 GPO Box 2005, Canberra ACT 2601	Tel: +612 6217 1421 Mob: +61434 664 716 Roy.Tuomela@casa.gov.au
3.	Mr. Jason Rainbird	CASA Member for ADOP	Jason.Rainbird@casa.gov.au
2. BANGLADESH			
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 ayubcaab@gmail.com ;
3. BHUTAN			
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 swangdi@bcaa.gov.bt ;
4. BRUNEI DARUSSALAM			
6.	Pg Rasman bin Pg Sulaiman,	Officer In-Charge of Aerodrome Standards/Certification Department of Civil Aviation Brunei Darussalam	– rasman.sulaiman@dca.gov.bn

LIST OF PARTICIPANTS

NAME		TITLE/ORGANIZATION	TEL/FAX NUMBER	E-MAIL
5.	CAMBODIA			
7.	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	engsamreth@gmail.com ;
6.	CHINA			
8.	Mr. Ma Zhigang	Director Civil Aviation Administration of China (CAAC) No.155 Dongsì Xidajie, Dong Cheng District, Beijing, China	Tel: +8610 64091804 Fax: +8610 64019967	zhg_ma@caac.gov.cn ;
9.	Ms. Lyu Qing	Deputy Assistant Division Chief Civil Aviation Administration of China No. 155, Dongsì Xidajie, Beijing 100710	Tel: +8610 6409 2804	lvqing@caac.gov.cn ;
10.	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	liangshixin@caac.gov.cn ;
	HONG KONG CHINA			
11.	Mr. Raymond NG	Assistant Director-General of Civil Aviation (Airport Standards) Civil Aviation Department	Tel.: +852-2910 6196 Fax: +852-2795 8469	rcong@cad.gov.hk ;
12.	Ms. Rosa YIP	Acting Senior Safety Officer (Airport) Civil Aviation Department	Tel.: +852-2910 6973 Fax: +852-2795 8469	rmyip@cad.gov.hk ;
13.	Mr. Hui Yat Tsun	Acting 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 6975	ythui@cad.gov.hk ;

LIST OF PARTICIPANTS

NAME		TITLE/ORGANIZATION	TEL/FAX NUMBER	E-MAIL
MACAO CHINA				
14.	To be provided			
7. COOK ISLANDS				
15.	Mr. John HOSKING	Ministry of Transport PO Box 61 Avarua, Rarotonga, Cook Islands	Tel: +(682) 28810	john.hosking@cookislands.gov.ck
16.	Mr. Dennis Hoskin	Ministry of Transport PO Box 61 Avarua, Rarotonga, Cook Islands	Tel: +(682) 28810	dennis.hoskin@cookislands.gov.ck
8. FIJI (1)				
17.	Mr. Ratu Maibulu Q. Laliqavoka	Technical Officer Aerodromes, Ground Safety Department Civil Aviation Authority of Fiji Private Mail Bag NAP 0354, Nadi Int'l Airport,	Tel: +679 672 1555 Mob: +679 992 8949	maibulu.laliqavoka@caaf.org.fj
9. INDIA				
18.	Mr. Dinesh Chand Sharma	Deputy Director General of Civil Aviation Directorate General of Civil Aviation Aerodrome Standards Directorate, DGCA Hqrs., New Delhi 110003	Tel: +91 11 2465 3883	dcsharma.dgca@nic.in ;
19.	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	amits.dgca@nic.in ;
10. INDONESIA				
20.	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	adeth_rossi@yahoo.com ;

LIST OF PARTICIPANTS

NAME		TITLE/ORGANIZATION	TEL/FAX NUMBER	E-MAIL
21.	Mr. Agung Wibowo	Airport Inspector Directorate of Airport Directorate General Civil Aviation Sinath Tower, 9 th Floor, Jl. Silangit Blok B No. 9, Kemayoran, Jakarta 10610	Tel: +62 82299005421	agungwibowost@yahoo.com ;
22.	Mr. Petrus Hery Tris Cahyono	Airport Inspector Directorate of Airport Directorate General Civil Aviation Sinath Tower, 9 th Floor, Jl. Silangit Blok B No. 9, Kemayoran, Jakarta 10610	Tel: +62 81213992467	herytris07@gmail.com ;
23.	Mr. Alexander	Aerodrome Inspector Directorate General Civil Aviation Medan Merdeka Barat No. 8, Jakarta 10110	Tel: +62 350 6661	alex.dgca@gmail.com ;
11.	JAPAN			
24.	Mr. Tsuyoshi TANAKA	Senior Coordinator for Airport Operation Airport Safety Office, Aviation Safety and Security Planning Division, Japan Civil Aviation Bureau, Ministry of Land, Infrastructure, Transport and Tourism. JAPAN	Tel:	tanaka-t412t@mlit.go.jp
25.	Mr. Tsuyoshi Yanagita	Chief of Airport Safety Information Japan Civil Aviation Bureau 2-1-3 kasumigaseki, Chiyodaku, Tokyo100-8918	Tel: +81 3 5253 8701	yanagita-t10hy@mlit.go.jp ;
26.	Mr. Yusuke Ino	Chief for Airport Operation Operations and Flight Inspection Division, ANS Department, Japan Civil Aviation Bureau 2-1-3 kasumigaseki, Chiyodaku, Tokyo100-8918	Tel: +81 3 5253 8751	ino-y2ch@mlit.go.jp ;
12.	KIRIBATI			
27.	Mr. Tiamwa Teaiwa	Civil Aviation Kiribati	–	ans.ai@micttd.gov.ki

LIST OF PARTICIPANTS

NAME		TITLE/ORGANIZATION	TEL/FAX NUMBER	E-MAIL
13.	LAO PDR			
28.	Mr. Anousack Kittilath	Deputy Director of Aerodrome Division Department of Civil Aviation, Ministry of Public Works and Transport Wattay International Airport, Vientiane, Lao PDR	Tel: +85620 5591 2839	akittilath@yahoo.com ;
14.	MALAYSIA			
29.	Dr. Zainul Fuad bin Md. Wahid,	Director of Aerodrome Standards Civil Aviation Authority of Malaysia Block Podium, No. 27 Persiaran Perdana, Precint 4, 62618 Putrajaya	–	zainul1@caam.gov.my
30.	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	mahyuddin@caam.gov.my ;
31.	Ms. Sharmini Manickam	Senior Assistant Director, Aerodrome Standards Civil Aviation Authority of Malaysia Precint 4, 62618 Putrajaya	Tel: +603 8871 4040 Fax: +603 8890 1640	sharmini@caam.gov.my ;
15.	MALDIVES			
32.	Ms. Fathimath Ramiza	Director Air Navigation and Aerodrome Maldives Civil Aviation Authority Velaanage, 11 th Floor, Velaanaage Ameer Ahmed Magu, Male' 20096	Tel: +960 334 2984 Fax: +960 332 3039	ramiza@caa.gov.mv ;
33.	Ms. Aminath Shiznee	Senior Aerodrome Inspector Maldives Civil Aviation Authority Velaanage, 11 th Floor Ameer Ahmed Magu, Male' 20096	Tel: +960 3324983 Fax: +960 3323039	civav@caa.gov.mv ; shiznee@caa.gov.mv ;
16.	MARSHALL ISLANDS			
34.	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	alcapelle@yahoo.com ; alcapelle68@gmail.com

LIST OF PARTICIPANTS

	NAME	TITLE/ORGANIZATION	TEL/FAX NUMBER	E-MAIL
17.	MICRONESIA (FEDERATED STATES OF)			
	35. Ryan L. Donre	Airport Safety Inspector FSM Transportation, Communications & Infrastructure Division of Civil Aviation	-	ryan.donre@tci.gov.fm
	36. Glenn Harris	Assistant Secretary FSM Transportation, Communications & Infrastructure Division of Civil Aviation	-	glenn.harris@tci.gov.fm
18.	MONGOLIA			
	37. 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	munkhbold.g@mcaa.gov.mn ;
19.	MYANMAR			
	38. 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	kyawsoedca@gmail.com ;
	39. Mr. Hla Phone Zaw	Deputy Director, Aerodrome Standards & Safety Division Department of Civil Aviation Headquarters Building, Yangon, Myanmar	Tel: +951 533002 +951 533013 Fax: +951 533000	hpzdca28@gmail.com ;
	40. 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	kmm.dca@gmail.com ;
	41. Mr. Tin Maung Thein	Deputy Director Aerodrome Standards & Safety Division Department of Civil Aviation Headquarters Building, Airport Road, Mingalardon Tsp., 11021, Yangon, Myanmar	Tel: +951 533002 +951 533013 Fax: +951 533000	aktttaaviation@gmail.com ;

LIST OF PARTICIPANTS

NAME		TITLE/ORGANIZATION	TEL/FAX NUMBER	E-MAIL
42.	Mr. Tun Zaw	Executive Engineer Aerodrome Standards & Safety Division Department of Civil Aviation Headquarters Building, Airport Road, Yangon,	Tel: +951 533002 +951 533013 Fax: +951 533000	tunzawdca@gmail.com ;
20.	NEPAL			
43.	Mr. Deo Chandra Lal Karn	Director, Aerodrome Design and Operations Panel Wildlife Hazard Management Expert Group-Member, Civil Aviation Authority of Nepal	Tel: +977 1 426 2324	d_karna@hotmail.com ;
44.	Mr. Babu Ram Paudel	Director Aerodrome Safety & Standards Department Civil Aviation Authority of Nepal	Tel: +977 1 448 5787 Mob: +98510 96733	paudelbabu@gmail.com ;
45.	Mr. Sachit Bhakta Pokharel	Manager Civil Aviation Authority of Nepal Head Office, Babarmahal, Kathmandu	Tel: +977 1 426 2387	sachitb.pokharel@caanepal.gov.np ;
46.	Mr. Dipendra Shrestha	Manager Civil Aviation Authority of Nepal Head Office, Babarmahal, Kathmandu	Tel: +977 1 426 2387	dpndrs@gmail.com ;
21.	NEW ZEALAND			
47.	Mr. Sean Rogers	Manager Aeronautical Services Civil Aviation Authority of New Zealand PO Box 3555, Wellington, New Zealand 6140	–	Sean.Rogers@caa.govt.nz
48.	Mr. John McKinlay	Senior Technical Specialist - Aeronautical Services (CAA Editor AIPNZ) Civil Aviation Authority of New Zealand Level 15, Asteron Centre, 55 Featherston Street, PO Box 3555, Wellington, 6011 New Zealand	Tel: +64 (0) 4560 9627 Ext 4627 Mob: +64 (0) 274 428 463	John.McKinlay@caa.govt.nz

LIST OF PARTICIPANTS

	NAME	TITLE/ORGANIZATION	TEL/FAX NUMBER	E-MAIL	
26.	REPUBLIC OF KOREA				
	56.	Mr. Hong Kwang-Pyo	Assistant Director Ministry of Land Infrastructure & Transportation Doeum 6-Ro, Bejong-City, ROK	Tel: +82 44 201 4349 Fax: +82 44 201 5635	Hkp007@korea.kr ;
27.	SAMOA				
	57.	Aussie Tanuvasa	Operations Officer I Civil Aviation Division Ministry of Works, Transport & Infrastructure I Level 4, TATTE Building, SOGI	Tel: (0685) 21 611 ext 228 I Fax: (0685) 23 565	aussie.tanuvasa@mwti.gov.ws
	58.	Ms. Malagamaalii Tamara Ketu Fuimaono Michael	Operations Officer I Civil Aviation Division Ministry of Works, Transport & Infrastructure I Level 4, TATTE Building, SOGI	Tel: (0685) 21 611 ext 228 I; 685 7588038 Fax: (0685) 23 565	tamara.michael@mwti.gov.ws
28.	SINGAPORE				
	59.	Ms. Wong Qi Wen	Senior Manager (Aerodrome Regulation) Civil Aviation Authority of Singapore Singapore Changi Airport, Singapore 918141	Tel: +65 6541 3037 Fax: +65 6542 3869	Wong_qi_weng@caas.gov.sg ;
	60.	Ms. Masnidah Masnawi	Senior Manager (Aerodrome Regulation) Senior Air Traffic Services Regulation Civil Aviation Authority of Singapore Singapore Changi Airport, PO Box 1, Singapore	Tel: +65 6422 7069	masnidah_masnawi@caas.gov.sg ;
	61.	Mr. Teo Tian Hong	Deputy Chief (SDM, Aerodromes) Civil Aviation Authority of Singapore Singapore Changi Airport, PO Box 1, Singapore	Tel: +65 6422 7636	Teo_tian_hong@caas.gov.sg ;
29.	SOLOMON ISLANDS				
	62.	Mr. Rex Alafa	Coordinator (Aerodromes) Civil Aviation Authority of Solomon Islands	-	alafa_r@caasi.com.sb
30.	SRI LANKA				
	63.	Ms. Shereena Casseer	Director Aerodromes & Facilitation Civil Aviation Authority of Sri Lanka No. 152/1, Minuwangoda Road, Katunayake	Tel: +94112355800	daf@caa.lk ;

LIST OF PARTICIPANTS

NAME		TITLE/ORGANIZATION	TEL/FAX NUMBER	E-MAIL
	64.	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 scaiae@caa.lk ;
31.	THAILAND			
	65.	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 thittaya.s@caat.or.th ;
	66.	Ms. Chomchanok Huayhong	Aerodrome Certification Officer Civil Aviation Authority of Thailand	Tel: +66 2 568 8827 Fax: +66 2 576 1904 chomchanok.h@caat.or.th
	67.	Ms. Angsana Roonthong	Aerodrome Safety Inspector Civil Aviation Authority of Thailand	Tel: +66 2 568 8827 angsana.r@caat.or.th ;
	68.	Mr. Pongsatorn Punoppakit	Aerodrome Safety Inspector Civil Aviation Authority of Thailand	Tel: +66 2 568 8827 pongsatorn.p@caat.or.th ;
32.	TIMOR-LESTE			
	69.	Mr. Armando Da Silva	Civil Aviation Authority of Timor-Leste	 armando_dasilva@yahoo.com
33.	TONGA			
	70.	Ms. Pasikole Kaipo'uli	Assistant Aerodrome Officer Civil Aviation Division Ministry of Infrastructure (MOI/CAD) P.O. Box 52, Nuku'alofa, Tonga	Tel: (+676) 883 9973 pkaipouli@infrastructure.gov.to
34.	TUVALU			
	71.	Mr. Uinga Paelate	Director, Civil Aviation, Tuvalu	– fuameipala@gmail.com

LIST OF PARTICIPANTS

NAME		TITLE/ORGANIZATION	TEL/FAX NUMBER	E-MAIL
35.	UNITED STATES			
	Mr. Alberto Rodriguez	Airport Certification/Safety Specialist Federal Aviation Administration 2300 East Devon Avenue, Suite #369, Des Plaines, Illinois, 60018, USA	Tel: +847-294-7647	alberto.rodriquez@faa.gov ;
	Mr. Robert Bassey	Electrical Engineer FAA AAS-100 800 Independence Avenue Ste 621 Washington DC 20591	Tel: +202 267 7605	robert.bassey@faa.gov ;
	Mr. Charles Enders	Aviation Safety Inspector Air Transport Division, Flight Standards Federal Aviation Administration 800 Independence Ave, SW Washington, DC 20591 USA	Tel: +202-267-4557	Charles.j.enders@faa.gov ;
	Ms. Sharon Yun	Foreign Affairs Specialist International Program Division, Flight Standards Federal Aviation Administration 600 Independence Ave, SW Washington, DC 20597 USA	Tel: +202-267-1021	sharon.yun@faa.gov ;
36.	VIET NAM			
	72. 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	nguyenduong@caa.gov.vn ;
	73. Mr. Nguyen Huu Duc	Official Civil Aviation Authority of Vietnam 199 Nguyen Son, Long Bien, Ha Noi	Tel: +84 906 528 884	nguyenhuuduc@caa.gov.vn ;