



INTERNATIONAL CIVIL AVIATION ORGANIZATION

THE THIRD MEETING OF THE AERODROMES OPERATIONS AND
PLANNING – WORKING GROUP (AOP/WG/3)

Putrajaya, Malaysia, 2 – 4 June 2015

Agenda Item 6: Update the AOP/WG Task List

APANPIRG AOP WORKING GROUP TASK LIST

(Presented by the Secretariat)

SUMMARY

This Paper presents the AOPWG Task List for review and update.

This paper relates to –

Strategic Objectives:

- A: *Safety – Enhance global civil aviation safety*
- B: *Air Navigation Capacity and Efficiency – Increase Capacity and improve efficiency of the global civil aviation system*
- E: *Environmental Protection – Minimize the adverse environmental effects of civil aviation activities*

1. INTRODUCTION

1.1 APANPIRG/24 in Decision 24/10 reviewed the AOPWG Task List and adopted the List as the current work programme for the AOP Working Group.

2. DISCUSSION

2.1 The following Attachments are appended to this Paper:

Attachment 1: AOPWG's Terms of Reference

Attachment 2: The AOP Task List from the AOPWG/1 and APANPIRG/24 Meeting is presented for consideration and update.

2.2 ICAO Regional Office in State letter AN 3/3-AP064/15 (AGA) dated 10 April 2015 urged State Administrations to update the status for presentation to AOPWG/3. Afghanistan, Hong Kong China, Japan, Marshall Islands, Samoa and Solomon Islands have updated the progress.

3. ACTION BY THE MEETING

3.1 The Meeting is invited to:

- a) update the Task List as appropriate;
- b) review priority, target dates, action proposed including the overall status, associated strategic objectives and GPIs of the subject Task List; and
- c) propose changes/updates as required.

— — — — —

TERMS OF REFERENCE OF AOPWG

The Terms of Reference of AOPWG was approved by APANPIRG/22.

- Ensure the continuous and coherent development of the Asia/Pacific Regional Air Navigation Plan in the AOP Field in accordance with the GANP and GASP;
- Promote and follow up the implementation of the AOP requirements of the APAC ANP;
- Review, identify and address deficiencies in the provision of aerodrome installations, equipment and Services according to established procedures, and propose corresponding timely corrective actions to the shortcomings/deficiencies affecting aerodrome operations;
- Monitor developments in the field of aerodrome operations in the APAC Regions, new operational requirements and/or technological developments including environment aspects and make proposals to meet the operational requirements related to these developments; and
- Ensure AOP environmental initiatives are consistently identified and progressed, and report outcomes from AOP environmental initiatives.

SUBJECT/TASKS LIST IN THE AOP FIELD

The priorities assigned in the list have the following connotation:

A = Tasks of a high priority on which work should be expedited;

B = Tasks of medium priority on which work should be under taken as soon as possible but not to the detriment of Priority "A" tasks; and

C = Tasks of medium priority on which work should be undertaken as time and resources permit but not to the detriment of priority "A" and "B" tasks.

TOR = Terms of Reference of the Sub-Group

No.	Ref	Associated Strategic Objective & GPIs	Task	Priority	Action Proposed	Action by	Target Date	Status
AOPWG/1/1	AOPWG/1	A & C GPI 13 and 14	Establish a base line on the APAC State's requirements through a preliminary survey. Review and monitor at each AOP/WG Meeting the status of progress.	A	Develop survey questionnaire, circulate to APAC States and receive completed questionnaire from APAC States.	AOPWG	2014	Completed
AOPWG/1/2	APANPIRG/18 Conclusion 18/1 APANPIRG Conclusion 21/2 RAN meeting – Asia/PAC/3, rec 4/6	A GPI-13 Aerodrome design and management GPI-14 Runway operations	<u>Bird Control Committee</u> Assist States to establish a national bird control committee to: a)study, analyze and adopt measures to prevent bird hazards in its aerodromes and their vicinity, and b) monitor the implementation of a bird control programme by the aerodrome operator, to evaluate its effectiveness and suggest measures for improvement <u>Wildlife hazard reduction</u> Assist States confronting problems of wild life/bird strike hazard to develop and implement an effective wildlife hazard management plan with procedures to control wildlife at or near airports	B	States establish bird strike committee. Monitor the establishment of a bird strike committee by the remaining administrations. Monitor the development and implementation of wildlife hazard management plan.	States AOPWG States	2016	19 states have established In progress Wildlife seminar conducted in May 2014
AOPWG/1/3	APANPIRG 18 Conclusion 18/62 APANPIRG 21 Conclusion 21/54	A	<u>Air Navigation Deficiencies- AOP</u> Assist States to establish action plans with fixed target dates for resolution of safety related deficiencies	A	States to develop Corrective action plan to resolve deficiencies. Monitor resolution of air navigation deficiencies	states	2015	In progress Refer WP/8

No.	Ref	Associated Strategic Objective & GPIs	Task	Priority	Action Proposed	Action by	Target Date	Status
AOPWG/1/4	APANPIRG APAC ANP, Doc 9673, Volume I	A GPI 13 and 14	Review and monitor the implementation of the requirement for aerodrome certification (Annex 14, Vol. I)	A	Monitor implementation of aerodrome certification	States/ AOPWG	2015	In progress Refer WP/7
AOPWG/1/5	APANPIRG APAC ANP, Doc 9673, Volume I	A GPI 13 and 14	Review and monitor the implementation of the requirement for safety management system at aerodromes. (Annex 14, Vol. I)	A	Monitor implementation of SMS at certified aerodromes	States/ AOPWG	2017	In progress Refer WP/7
AOPWG/1/6	RAN ASIA/PAC/3 Rec 4/10	A GPI 13 and 14	Review and monitor the status of implementation of visual aids and of provision of resources for ensuring preventive maintenance, human factors and progress in technology development in order to achieve increased safety and capacity.	B	Monitor implementation	AOPWG	Continuous basis	In progress
AOPWG/1/7	APANPIRG/19 RAN – ASIA/PAC/3, Conc 4/4	A GPI 13 and 14	Review the provision of rescue and firefighting services and emergency planning at international aerodromes in the APAC Region.	A	Monitor provision of Rescue fire Fighting trucks, equipment, training and conduct of emergency exercise	States/ AO/ AOPWG	2015	In progress
AOPWG/1/8	APANPIRG/20 RAN recommendation ASIA/PAC/3, rec 4/2	A GPI 13 and 14	Review and monitor the measurement and reporting by States of the surface condition and unevenness on movement areas at aerodromes in the APAC Region.	A	Monitor the availability of equipment for periodic measurements and reporting	States/	Continuous basis	In progress
AOPWG/1/9	APANPIRG 22	A GPI 13 and 14	Review States efforts to allocate the necessary resources to ensure the establishment of preventive maintenance at their aerodromes in order to provide adequate maintenance of facilities, installations and services.	B	Monitor the availability of Aerodrome Maintenance plan	States/ AO/ AOPWG	2015	In progress
AOPWG/1/10	TOR	A	Review, at each AOP/WG Meeting, the content of the Table AOP 1 and, where necessary, after coordination with users and operators, and introduce the respective changes to the APAC ANP and FASID through the established ICAO procedures.	A	States update FASID Table	States/ AOPWG	Continuous	In progress
AOP/WG/1/11	APANPIRG 23	A GPI 13 and 14	Review and monitor the status of implementation of the obstacle limitation surface	A	Monitor the status of implementation	States/ AOPWG	2015	In progress

ATTACHMENT

AOPWG Task List- Status

TASKS	Responsibility	Afghanistan	Australia	Bangladesh	Bhutan	Brunei	Cambodia	China	Hong Kong, China	Macao, China	Cook Islands	DPR Korea	Fiji	India	Indonesia	Japan	Kiribati	Laos PDR	Malaysia	Maldives	Marshall Islands	Micronesia	Mongolia	Myanmar	Nauru	Nepal	New Zealand	Pakistan	Palau	Papua New Guinea	Philippines	Republic of Korea	Samoa	Singapore	Solomon Islands	Sri Lanka	Thailand	Timor-Leste	Tonga	Vanuatu	Viet Nam	
AERODROME CERTIFICATION 2014 - 2015																																										
Establish a regulatory framework specifying the criteria for the certification of aerodromes.	State		Yes	Yes				Yes	Yes		Yes	Yes		Yes	Yes			Yes	Yes	Yes		Yes	Yes			Yes	Yes			Yes	Yes	Yes	Yes	No			In progress					
Establish a regulatory authority (CAA)	State	Yes	Yes	Yes	Yes	Yes	Yes		Yes	Yes	No	Yes	Yes	Yes	Yes	Yes		Yes	Yes	Yes	Yes		Yes	Yes		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		Yes	Yes		Yes	Yes	Yes	Yes
Develop and approve aerodrome certification regulations and standards	CAA	Yes	Yes	Yes	Yes	In progress	Yes		Yes	Yes	Yes	Yes	In progress	Yes	Yes	Yes		No	Yes	Yes	Yes		Yes	Yes		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Develop, issue and maintain guidance material and Advisory circulars on aerodrome certification for service providers.	CAA		Yes	Yes				Yes	Yes				In progress			Yes			Yes	Yes			Yes	Yes		Yes	Yes			Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Establish an entity within CAA responsible for aerodrome safety oversight and staffing requirements. Develop Manual of Aerodrome oversight procedures and Aerodrome Inspector Handbook	CAA		Yes	Yes				Yes	Yes				Yes		Yes	Yes			Yes	Yes	Yes, Aerodrome Inspector handbook in progress.		Yes	Yes		Yes	Yes			Yes	Yes	In progress	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

TASKS	Responsibility	Afghanistan	Australia	Bangladesh	Bhutan	Brunei	Cambodia	China	Hong Kong, China	Macao, China	Cook Islands	DPR Korea	Fiji	India	Indonesia	Japan	Kiribati	Laos PDR	Malaysia	Maldives	Marshall Islands	Micronesia	Mongolia	Myanmar	Nauru	Nepal	New Zealand	Pakistan	Palau	Papua New Guinea	Philippines	Republic of Korea	Samoa	Singapore	Solomon Islands	Sri Lanka	Thailand	Timor-Leste	Tonga	Vanuatu	Viet Nam	
SMS AT CERTIFIED AERODROMES 2014 - 2015																																										
Develop and establish the action plan on safety targets, hazard reporting, staff training, safety oversight, guidance material and accepted level of safety	CAA		Yes	In progress				Yes	Yes				In progress		In progress	Yes.			Yes	In progress	In progress		SSP manual In progress	In progress			In progress 2015				In progress	Yes		Yes	No		Yes		In progress			

TASKS	Responsibility	Arghamistan	Australia	Bangladesh	Bhutan	Brunei	Cambodia	China	Hong Kong China	Macao, China	Cook Islands	DPR Korea	Fiji	India	Indonesia	Japan	Kiribati	Laos PDR	Malaysia	Maldives	Marshall Islands	Micronesia	Mongolia	Myanmar	Nauru	Nepal	New Zealand	Pakistan	Palau	Papua New Guinea	Philippines	Republic of Korea	Samoa	Singapore	Solomon Islands	Sri Lanka	Thailand	Timor Leste	Tonga	Vanuatu	Viet Nam	
WILDLIFE HAZARD CONTROL AND REDUCTION 2014 - 2015																																										
Establishment of a national procedure for recording and reporting wildlife strikes to aircraft	State		Yes	Yes				Yes	Yes		Yes	In progress		Yes	Yes				Yes	Yes	In progress		Yes	Yes			Yes	-				Yes	Yes	In progress	Yes	In progress		Yes				
Establishment of a national bird control committee	State		Yes	Yes			Yes 2009	Yes	Yes		Yes	Yes 2010	Yes	Not yet	Yes				Yes	Yes 2008	Not yet		Yes 2012				Yes	Yes	Yes			In progress	Yes	No	Yes			Yes		Yes		
Conduct wildlife assessments and implement wildlife control programmes. Airports develop and professionally implement management plan to reduce the risk of strikes.	AO		Yes	In progress				Yes	Yes			In progress		In progress	Yes				Yes 2012	yes	In progress		2012				Yes	In progress				In progress	Yes	Yes	Yes			In progress				
Land use management inside and in the vicinity of airport	AO		Yes	In progress				Yes	Yes			Yes		detailed land use in progress planning surrounding airport	Yes				In progress 2013	In progress	In progress		2012-2015	In progress			Yes	-				In progress	Yes	No	Yes			In progress				
States collect wildlife strike reports and forward to ICAO for inclusion in the ICAO IBIS (data base)	State		Yes	Yes				Yes	Yes		Yes	In progress Jun 2010		Yes	Yes				In progress 2013	In progress	In progress		In progress	Yes		No	In progress				Yes-monitored/collate evidence	yes	In progress	Yes			Yes					
Wildlife hazard management training for airport personnel	AO		Yes	In progress				Yes	Yes			In progress		Yes	Yes				Yes 2012	In progress	Yes					Yes	In progress				Yes	Yes	Yes	Yes			Yes					

TASKS	Responsibility	Afghanistan	Australia	Bangladesh	Bhutan	Brunei	Cambodia	China	Hong Kong China	Macao, China	Cook Islands	DPF Korea	Fiji	India	Indonesia	Japan	Kiribati	Laos PDR	Malaysia	Maldives	Marshall Islands	Micronesia	Mongolia	Myanmar	Nauru	Nepal	New Zealand	Pakistan	Palau	Papua New Guinea	Philippines	Republic of Korea	Samoa	Singapore	Solomon Islands	Sri Lanka	Thailand	Timor Leste	Tonga	Vanuatu	Viet Nam
AERODROME SAFETY MEASURES 2014 - 2015																																									
Establishment of regulations on monitoring the obstacle limitation surfaces.	State		No	Yes		Yes		Yes	Yes		Yes	Yes	Yes	Yes	Yes				Yes	Yes	In progress						Yes		Yes	Yes	Yes	No	Yes	In progress		Yes					
Monitoring the height of buildings or structures within the boundaries of OLS.	AO		Yes	Yes				Yes	Yes			Yes		Yes	Yes				Yes	In progress	Yes		Yes	Yes		Yes	In progress 2015		Yes	Yes	Yes	Yes				Yes					
Establish the requirement for the measurement of runway surface friction characteristics by aerodrome operators.	State			Yes				Yes	Yes		Yes										In progress					Yes			Yes	No	Yes										
Measurement and reporting of friction characteristics of wet paved runways	AO		Yes	Yes				Yes	Yes			Jan-11		Yes	Yes				Yes	Yes	In progress		Yes	Yes		Yes	Yes		Yes	Yes	No	Yes				In progress					
Procurement of a friction measuring device	AO		Yes	Yes				Yes	Yes			Jan-11		Yes at some airports	Yes				Yes	procured for MIA, GIA in progress			Yes	Yes		Yes	Yes			In progress	Yes	No	Yes				In progress				
Establishment of maintenance friction level below which corrective action should be initiated	State		Yes	Yes				Yes	Yes		Yes	Jan-11		Yes	Yes				Yes	In progress	In progress		In progress	In progress		Yes	-			In progress	Yes	No	Yes				In progress				
Establishment of minimum friction level below which information that a runway may be slippery when wet is made available.	State		Yes	Yes				Yes	Yes			Jan-11		Yes	Yes				Yes	In progress	In progress		In progress	In progress		Yes	-			In progress	Yes	In Progress	Yes				In progress				
Provision of runway end safety area;	AO		Yes	Yes				Yes	Yes			In progress		In progress	Yes				Yes	In progress	RWY 7 RESA is completed/RWY25 under construction		2011-2014	In progress		Yes	In progress		Yes	Yes	Yes	Yes				yes					
Establishment of regulations for Visual aids to be provided at airports for the required category by aerodrome operators	State			Yes				Yes	Yes		Yes				Yes						Yes					Yes			Yes	Yes	Yes	Yes									
Established the requirements for aerodrome maintenance plan including preventive maintenance by aerodrome operators	State		No. CASA is reviewing Standards MOS Part 139	Yes			Yes	Yes	Yes		Yes				Yes				Yes		Yes					Yes			Yes	Yes		Yes					Yes				
Provision of enhanced visual aids and markings to help prevent runway incursions	AO		In progress	Yes				Yes	Yes			In progress		In progress	Yes				Yes	In progress	Yes		2011-2014	Yes		Yes	In progress		Yes	Yes	No	Yes				yes					

TASKS	Responsibility	Afghanistan	Australia	Bangladesh	Bhutan	Brunei	Cambodia	China	Hong Kong, China	Macao, China	Cook Islands	DPR Korea	Fiji	India	Indonesia	Japan	Kiribati	Laos PDR	Malaysia	Maldives	Marshall Islands	Micronesia	Mongolia	Myanmar	Nauru	Nepal	New Zealand	Pakistan	Palau	Papua New Guinea	Philippines	Republic of Korea	Samoa	Singapore	Solomon Islands	Sri Lanka	Thailand	Timor Leste	Tonga	Vanuatu	Viet Nam		
AERODROME EMERGENCY PLANNING 2014 - 2015																																											
Establish aerodrome emergency plan document	AO		Yes	Yes				Yes	Yes				In progress		Yes	Yes			Yes	MIA: yes GIA: in progress	Yes		Yes	Yes			Yes	-			Yes	Yes	Yes	Yes			Yes						
Conduct full scale aerodrome emergency exercise at intervals not exceeding two years	AO		Yes	Yes				Yes	Yes		Yes	Yes		In progress	Yes			Yes	Yes	MIA: yes GIA: in progress	Yes		2010-2012	2010			Yes	-			Yes	Yes	Yes	Yes, Every year			In progress						
Partial emergency exercises in the intervening year to ensure that any deficiencies found during the full scale aerodrome emergency exercise have been corrected	AO		Yes	In progress				Yes	Yes				In progress		In progress	Yes			Yes	Yes	Yes		2010-2012	2013			Yes	-			Yes	Yes	Yes	Not applicable as full scale exercise is conducted yearly.			In progress						
Establish procedure for emergencies in difficult environments at those airports located close to water and/or swampy areas or difficult terrain.	State		Yes	Yes				Yes	Yes				In progress		Yes	Yes			In progress 2013	MIA: Yes, GAN: in progress	Yes				In progress		Yes	-			In progress	Yes	Yes	Yes			In progress						
Establish the requirement for provision of fire trucks, equipment and trained personnel relevant to the ARFF category	State			Yes				Yes	Yes		Yes				Yes					Yes						Yes				Yes			Yes										