



ICAO

*International Civil Aviation Organization*Sixth Meeting of the Asia/Pacific Wildlife Hazard
Management Working Group (AP-WHM/WG/6)*Bangkok, Thailand, 14 to 17 May 2024***Agenda Item 2: Review Outcome of Relevant Meetings****ACTION ITEMS OF 58th CONFERENCE OF
DIRECTORS GENERAL OF CIVIL AVIATION**

(Presented by the Secretariat)

SUMMARY

This Paper presents relevant information from the 58th Conference of Directors General of Civil Aviation Asia and Pacific Regions (DGCA/58), held on 15 - 19 October 2023 at Dhaka, Bangladesh related to the Wildlife Hazard Management Area.

1. INTRODUCTION

1.1 The 58th Conference of Directors General of Civil Aviation (DGCA/58), Asia and Pacific Regions hosted by Civil Aviation Authority of Bangladesh, was held at the Pan Pacific Sonargaon Dhaka, Bangladesh from 15 to 19 October 2023.

2. DISCUSSION

2.1 The Theme Topic of the 58th DGCA Conference was: “*Promoting ICAO Gender Equality Programme in Conjunction with Net Generation of Aviation Professionals (NGAP) Initiative*”.

2.2 The 58th DGCA Conference received 76 Discussion Papers under its Agenda Items.

2.3 The Conference identified 51 Action Items and ICAO APAC requested States/Administrations to follow-up on the agreed Action Items via State Letter Ref. SN 2 (2023): AP-TC0172/23 (**Attachment - A**) dated 23 November 2023. States/Administrations are required to send to the ICAO APAC Office a status report of implementation at least one month prior to the next DGCA conference which would take place on 14 - 18 October 2024.

2.4 The list of Action Items arising from DGCA/58 is provided in **Attachment B**.

2.5 DGCA/58 Action Items that are directly relevant and interest to this Working Group activities are summarized in the Table below and those which are indirectly relevant are highlighted in yellow in the **Attachment B**:

Discussion Paper	Action Item	Description
Agenda Item 3: Aviation Safety		
DP/3/03	58/4	To ensure efficient and safe ground operations and prevent incidents and accidents, the Conference: a) Encouraged States/Administrations, International Organizations, Industries and Safety Partners to share their best practices, technologies, and procedures related to aircraft handling, apron management and ground support equipment for enhancing safety Standards; and b) Requested ICAO to continue assistance to the States/Administrations through Guidance Material, seminars, workshops, and training on Runway safety and Wildlife Hazard Management.

Theme Topic for the 59th DGCA Conference

2.6 The Theme Topic for the 59th Conference of DGCA is “Shaping the Future of Air Transport: Sustainable, Resilient, and Inclusive”. The 59th DGCA Conference will be held in October 2024 in Cebu City, Philippines.

3. ACTION BY THE MEETING

3.1 The Meeting is invited to:

- a) note the information contained in this paper;
- b) note DGCA/58 Action Items relevant to this Working Group (Paragraph 2.5 refers); and
- c) discuss any other relevant matters as appropriate.

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Международная
организация
гражданской
авиации

منظمة الطيران
المدني الدولي

国际民用
航空组织

Ref. SN 2 (2023): AP-TC0172/23 (TC)

23 November 2023

Subject: Action Items arising from the 58th APAC DGCA Conference

Actions required:

- 1) Follow-up on the Action Items of the 58th APAC DGCA Conference for reporting to the APAC Office one month before the 59th APAC DGCA Conference
- 2) Provide comments to the draft guidance on the development of papers for the DGCA Conference by 30 November 2023

Dear Sir/Madam,

I wish to refer to the 58th Conference of the Directors General of Civil Aviation, Asia and Pacific Regions (DGCA/58) which was concluded in Dhaka, Bangladesh from 15 to 19 October 2023, and in particular, to the Action Item 58/2 and Action Item 58/50 emanating from the Conference, as follows.

Action Item 58/2: Review of Action Items arising from the previous Conference

The Conference urged States/Administrations to report to the APAC Office on the follow-up taken under Action Items in a timely manner for reporting to the next DGCA Conference.

As regards the Action Item 58/2, your State/Administration is kindly requested to take appropriate follow-up action to implement the conference Action Items and report the progress and/or completion to the APAC Office in a timely manner, **latest by one month before the next APAC DGCA Conference.**

Action Item 58/50: Guidance to Develop the Discussion Papers for the APAC DGCA Conferences

Noting the plan to apply new guidance on the development of papers for the next DGCA Conference, the Conference requested States/Administrations to provide further comments, if any, to the draft guidance by 30 November 2023.

As regards the Action Item 58/50, your State/Administration is kindly requested to provide further comments, if any, to the draft framework of guidance for the development of discussion papers for the APAC DGCA Conference which was submitted to the 58 APAC DGCA Conference through Discussion Paper 58/DP/10a/03, **latest by 30 November 2023.**

The Action Items arising from the 58th APAC DGCA Conference and the draft framework of guidance for the development of discussion papers for the APAC DGCA Conference are attached.

Please accept Sir/Madam, the assurances of my highest consideration.

Yours sincerely,

A handwritten signature in black ink, appearing to be the name 'Tao Ma' in a stylized, cursive script.

Tao Ma
Regional Director

Enclosures:

A – Action Items arising from the 58th APAC DGCA Conference

B – Draft framework of guidance for the development of discussion papers for the APAC DGCA Conference

**LIST OF ACTION ITEMS ARISING FROM THE 58th CONFERENCE OF DIRECTORS
GENERAL OF CIVIL AVIATION ASIA AND PACIFIC REGIONS**

Discussion Paper	Action Item	Description
Agenda Item 1: Theme Topic		
DP/1/01 DP/1/02 DP/1/03 DP/1/04 DP/1/05 DP/6/04	58/1	Recognising the importance of gender equality and NGAP in the aviation industry, the Conference encouraged States/Administrations to: - In consultation with the industry and relevant stakeholders, develop policies, as well as corresponding strategies and action plans, for promoting gender equality in conjunction with the NGAP initiative with the objective of fostering a diverse and inclusive aviation workforce and advancing gender equality, thereby attracting, retaining and empowering women in aviation; - Engage with Ministries of Education and Employment at the national level to identify future skill gaps in the aviation sector and integrate them into broader national education policies; - Encourage collaboration among APAC States/Administrations, academia, industries and training institutions and promote STEM and aviation studies, as well as vocational and technical skills, to enhance the quality and relevance of aviation education and training programs; - Support ICAO in its endeavours for the creation of the Global Ambassador programmes to promote gender equality, diversity and inclusion in aviation; - Invest in a comprehensive data collection and analysis on human resources requirements in the global aviation system, including all aviation specialisation, disaggregated by gender, age, and skill levels to identify gaps and establish benchmarks; and - Support the APAC region in exploring the feasibility of establishing a task force with the objective to develop a regional plan for advancing gender equality and NGAP objectives in the sector, in line with the resolutions A41-26 and A39-29.
Agenda Item 2: Review of Action Items arising from the previous Conference		
DP/2/01	58/2	The Conference urged States/Administrations to report to the APAC Office on the follow-up taken under Action Items in a timely manner for reporting to the next DGCA Conference.
Agenda Item 3: Aviation Safety		
DP/3/01	58/3	Noting the need to share the best practices and strengthen regional cooperation on the 'how to achieve compliance with an ICAO Standard by an alternative means', the Conference requested RASCF and RASG APAC or their contributory bodies to consider organising a workshop/session to share experiences and convey the outcomes to the Secretariat for the USOAP-CMA and USAP-CMA.
DP/3/03	58/4	To ensure efficient and safe ground operations and prevent incidents and accidents, the Conference: - Encouraged States/Administrations, International Organizations, Industries and Safety Partners to share their best practices, technologies, and procedures related to aircraft handling, apron management and ground support equipment for enhancing safety Standards; and - Requested ICAO to continue assistance to the States/Administrations through Guidance Material, seminars, workshops, and training on Runway safety and Wildlife Hazard Management.

**58th Conference of Directors General of Civil Aviation
Asia and Pacific Regions**

Discussion Paper	Action Item	Description
DP/3/04	58/5	Noting the importance of AIG Safety Recommendations, the Conference requested ICAO to consider including a Protocol Question (PQ) in each Critical Area of the USOAP CMA to ensure effective implementation of the agreed Safety Recommendations.
DP/3/07	58/6	Recognising the need to foster the establishment of a safety culture improvement programme in the APAC Region, the Conference agreed that FSF conduct a Safety Culture Workshop in 2024.
DP/3/08	58/7	To support the FSF AP-CAS ongoing efforts in performing a comprehensive regional safety assessment, the Conference encouraged States/Administrations to participate in a Workshop on the 'Interactive Dashboard and Regional Safety Assessment' in 2024 organised by FSF.
DP/3/09	58/8	Noting the benefits that can be derived from air traffic controller-pilot collaboration through the simulator training programme, the Conference encouraged air navigation service providers and operators to implement a simulator training programme to improve air traffic controller-pilot communication, situational awareness, and decision-making in flight operations.
DP/3/10	58/9	Noting that ICAO will issue a State Letter in November/December 2023 on High Altitude Operations (HAO), the Conference encouraged States/Administrations to provide feedback to enable ICAO to commence work on the risk analysis and mitigation processes, and draft unified legal guidance to sustain the emerging HAO.
DP/3/12	58/10	Given the trust and collaboration between government and service providers is critical, the Conference encouraged States/Administrations to share their experiences in achieving effective implementation of the SSP and data-driven state safety management.
DP/3/13	58/11	Realising the challenges in attracting next-generation aviation professionals to cope with the projected traffic growth, the Conference requested ICAO to review and update relevant standards and guidance material on the training of licensed aviation personnel.
DP/3/15	58/12	With the advent of AAM and new technologies and the need for new competencies for airworthiness engineers, the Conference requested States/Administrations to develop tools and guidance materials and consider cooperative measures to train the new workforce.
DP/3/16	58/13	The Conference encouraged States/Administrations to develop fatigue management strategies, implement guidelines for measuring air traffic controller workload and share their best practices and experiences at RASG APAC or contributory bodies to ensure regional harmonisation.
DP/3/18	58/14	Noting the regulatory framework and deployment in Europe of Innovative Aerial Services and AAM, the Conference encouraged States/Administrations to participate in the EU-Asia symposium on UAS/UAM to be held in Singapore on 7-10 November 2023.
DP/3/19 DP/4/11	58/15	To facilitate the safe and efficient deployment of autonomous vehicles (AVs) at the airside, the Conference encouraged: a) States/Administrations to share the experience and information about AV trials and operations at the airside; and b) ICAO to consider the development of guidance materials and/or SARPs, as necessary.
DP/3/20	58/16	Noting the efforts in strengthening and supporting the safety management of ground handling in the region, the Conference encouraged States/Administrations and industry stakeholders to share their activities and challenges in the safety management of ground handling.

**58th Conference of Directors General of Civil Aviation
Asia and Pacific Regions**

Discussion Paper	Action Item	Description
DP/3/21	58/17	The Conference encouraged States/Administrations to publish the Accident Investigation Report as per the associated timeline required in Annex 13 and resolve the current deficiencies of the Accident Investigation in the ICAO APAC region.
Agenda Item 4: Air Navigation		
DP/4/01	58/18	The Conference: a) Encouraged States/Administrations and industry organisations to continue collaborating and developing new and relevant training programs for ANS Personnel; and b) Invited the APAC ANSP Committee (AAC) to consider developing strategies for collaborative support for ANS training.
DP/4/02	58/19	To further support the implementation of ATM contingency planning (DGCA/57 Action Item 57/19), the Conference encouraged States/Administrations to: a) Consider the CANSO Operational Information System (OIS) for sharing ATM and other ANS-related contingency information; and b) Participate in contingency exercises conducted by the Asia/Pacific ANSP Committee to test contingency information exchange and coordinated contingency responses.
DP/4/04	58/20	The Conference encouraged States/Administrations to: a) Support and participate in the Asia Pacific Region Innovation & Capacity Building Symposium (APICS) 2023 to be held in Hong Kong, China on 14-15 December 2023; and b) Promote APICS 2023 among suitable organisations, industry partners and exhibitors and attend the symposium.
DP/4/05	58/21	To support the implementation of TBO in the Asia/Pacific Region and noting that FF-ICE provisions will be included in the next update of ICAO Doc 4444 – <i>Procedures for Air Navigation Services – Air Traffic Management</i> (PANS-ATM), the Conference encouraged States/Administrations to establish the policy and regulatory foundation required to support: a) The mixed mode of existing ATS messaging and FF-ICE operations; and b) The development and establishment of the key TBO building blocks (SWIM and FF-ICE).
DP/4/06	58/22	To support implementation by States/Administrations concerned of the Annex 3 requirements for information on volcanic activity and prepare for the proposed Recommended Practice for the use of the volcanological notice for aviation (VONA) template envisaged for applicability on 28 November 2024, the Conference encouraged States/Administrations, in collaboration with ICAO to: a) Establish, according to each State/Administration's needs, a sustainable mechanism to support the provision of VONA based on international policies and principles on air navigation services cost-recovery; b) Designate by regional air navigation agreement a State volcano observatory as required by Annex 3; and c) Establish effective coordination between State civil aviation and volcano observatory authorities.
DP/4/07 DP/4/08	58/23	To realise the benefits of CRV implementation, including enhanced efficiency and reduced number of circuits, address the current limitations and deficiencies in aviation communication, and support seamless SWIM information exchange, the Conference urged States/Administrations to implement CRV by December 2023 and encouraged Pacific States to work with their partner States to facilitate CRV connectivity.

**58th Conference of Directors General of Civil Aviation
Asia and Pacific Regions**

Discussion Paper	Action Item	Description
DP/4/09	58/24	The Conference encouraged States/Administrations to contribute towards the work of the Data Analytics Ad-hoc Group by participating and providing appropriate data to identify priority areas for alleviating air traffic congestion and air traffic flow choke points and enhancing air traffic management in the Asia-Pacific region and collaborate on optimising traffic regulation capabilities through the relevant regional ICAO ATM forums.
DP/4/12	58/25	Recognising the critical importance of safeguarding the aviation spectrum, the Conference encouraged States/Administrations to consider sensitivity to Radio Frequency Interference (RFI) while implementing a new generation of International Mobile Telecommunication (IMT) technologies and utilise the lessons learned from the initial 5G deployment.
Agenda Item 5: Aviation Security and Facilitation		
DP/5/01	58/26	To enhance the efficiency and effectiveness of aviation security measures and noting the importance of ongoing management of insider risk and the use of modern technologies, such as Artificial Intelligence (AI) and the Internet of Things, to address the security and operational challenges at airports, the Conference encouraged APAC States/Administrations to adopt, and share experience on the implementation of, innovative solutions.
DP/5/02 DP/5/03 DP/5/04	58/27	Noting the importance of innovation and technologies, including advanced passenger screening solutions and staff access control systems, in addressing the operational challenges and enhancing security at airports, the Conference encouraged APAC States/Administrations to: a) Share experience of relevant initiatives and systems implemented at airports; and b) Consider adopting an outcome-focused regulatory framework that would facilitate the trial and use of innovative technologies at airports.
DP/5/05	58/28	In preparation for future public health risks, the Conference encouraged States/Administrations to consider: a) Sharing and updating their emergency response plan against public health risks and the lessons learned during the COVID-19 pandemic; b) Joining the ICAO Public Key Directory (PKD); and c) Negotiating bilateral agreements concerning Public Health Corridors or appending provisions on the continuation of air operations during public health emergencies to their existing Bilateral Air Services Agreement.
Agenda Item 6: Economic Development of Air Transport		
DP/6/01	58/29	For the development of the guidance material for airport operations services, the Conference encouraged States/Administrations and industry stakeholders to share and exchange best practices related to airport customer-centric culture and airport operations services from the perspective of the airport customer.
DP/6/02	58/30	The Conference encouraged States/Administrations to restore and develop air connectivity by addressing the deficits of workforce in the aviation ecosystem, liberalising market access policies in terms of traffic rights on a bilateral and multilateral basis in facilitating new routes and, where applicable streamlining the visa application process for inbound international travellers.
DP/6/03	58/31	Recognising the capital expenditure (CAPEX) needs and decarbonisation challenges to accommodate future demand for air travel, the Conference encouraged States/Administrations to develop economic and financing frameworks to incentivise and facilitate CAPEX for airport infrastructure development, support the energy transition and facilitate access to green finance for aviation.

**58th Conference of Directors General of Civil Aviation
Asia and Pacific Regions**

Discussion Paper	Action Item	Description
DP/6/05	58/32	To accelerate the transformation and upgrade of the traditional air services and contribute to the digital and electronic transformation of civil aviation passenger services in the Asia-Pacific region, the Conference encouraged States/Administrations to utilise APAC DGCA Conference and other technical forums to share best practices in air transport service mode, innovation and digital transformation.
DP/6/06	58/33	To support safe, secure, efficient, and sustainable mobility solutions and harmonised standards, certifications, policy and framework to regulate the Advanced Air Mobility (AAM) sector, the Conference encouraged States/Administrations to consider AAM operations in airport master planning, undertake dialogue between all relevant stakeholders, and participate in the first ICAO Advanced Air Mobility Symposium (AAM 2024) from 9 to 12 September 2024, in Montreal, Canada.
Agenda Item 7: Aviation and Environment		
DP/7/01 DP/7/03 DP/7/06	58/34	Recalling the discussions and consultations in ICAO, inter alia, those in the High-Level Meeting on the Feasibility of a Long-Term Aspirational Goal for International Aviation CO₂ Emissions Reductions (HLM-LTAG) and 41st session of the ICAO Assembly (A41), the Conference encouraged States/Administrations to: a) Develop and update their State Action Plans (on CO₂ emissions reductions from the aviation sector); b) Implement the requirements of the Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA); c) Promote efforts for the production and distribution of sustainable aviation fuel (SAF), lower-carbon aviation fuel (LCAF) and other aviation cleaner energy sources; d) Exchange through the ICAO website, regional meetings, and other appropriate means, detailed carbon reduction policies currently in effect in the aviation sector; and e) Consider implementing air navigation operational improvements, including Performance Based Navigation (PBN) and User Preferred Routes (UPR).
DP/7/02	58/35	Noting the need for insights on the availability of feedstock to meet current and anticipated global demand for sustainable aviation fuel (SAF), the Conference encouraged States/Administrations to formulate a collaborative policy framework with ICAO's assistance to ensure the availability of feedstock to produce SAF.
DP/7/05	58/36	To reduce operation and maintenance costs, improve the safety and efficiency of operations, and reduce environmental impacts associated with implementing approach lighting systems at airports in mountainous and waterfront locations, the Conference encouraged States/Administrations to consider implementing the prefabricated approach lighting system bridge and suggested that ICAO refer the paper to the Visual Aids Working Group of Aerodrome Design and Operations Panel (ADOP) for consideration.
Agenda Item 8: Capacity Development and Implementation		
DP/8/01 DP/8/03 DP/8/05 DP/8/06	58/37	Noting the need to address the training needs and associated challenges of the Asia Pacific region, the Conference endorsed the regional training cooperation framework proposed by the RCM TF and the plan to hold a regional aviation training symposium in 2024-2025.

**58th Conference of Directors General of Civil Aviation
Asia and Pacific Regions**

Discussion Paper	Action Item	Description
DP/8/02	58/38	Noting the challenges to implement competency-based training, the Conference encouraged States/Administrations to allocate adequate funds for training of their instructors/experts.
DP/8/04 DP/8/07	58/39	Noting the need for capacity development implementation in the APAC region, the Conference urged States/Administrations to: a) Develop OJT Instructors for the GSI Courses and assist in capacity-building efforts for the APAC Region on the 'Train the Trainer' concept; b) Nominate candidates following the 'Train the Trainer' concept and ICAO Gender Equality spirit; and c) Support APAC RO by providing qualified experts on implementing the CAT and CATIIC Missions.
DP/8/06	58/40	While noting that the ICAO Personnel and Licensing Panel has a work package element to examine the integration of XR (eXtended Reality) as a training tool to develop guidance on the acceptance of such devices, the Conference encouraged States/Administrations to a) Actively share experiences of Licensing authorities in certifying the use of AR·VR SIM training devices by ATO and operations of alternative training programs using AR·VR SIM devices; and b) Develop specific guidelines for the use of AR·VR SIM devices through active sharing of cases.
DP/8/08	58/41	Recognising the enhanced portfolio of ICAO's Capacity Development and Implementation (CDI) support products and services to address implementation support, the Conference encouraged States/Administrations to explore States' needs through CDI's assistance.
Agenda Item 9: Updates		
DP/9a/01	58/42	The Conference encouraged States to consider: a) Becoming parties to the international air law treaties that they have not yet ratified; b) Making use of ICAO legal seminars and workshops, the Civil Aviation Legal Advisers Forum (CALAF), the ICAO International Air Law Course as well as other similar events for the continuous training and development of their legal advisers, as well as hosting such events; and c) Informing ICAO before 1 March 2024 of their progress towards the ratification of international air law treaties and providing focal points to coordinate ratification matters.
DP/9b/01	58/43	The Conference encouraged States/Administrations to collaborate and work towards achieving the commitments of the Beijing Declaration and share implementation status with the ICAO Asia-Pacific Office to further report to the Second Asia Pacific Ministerial Conference on Civil Aviation in India in 2024.
DP/9b/02	58/44	Noting the host country's indication to organise the Second Asia Pacific Ministerial Conference on Civil Aviation in September/October 2024, the Conference urged States/Administrations to take the necessary measures to ensure the participation of their respective Ministers in the Civil Aviation Conference.
DP/9b/04	58/45	Noting the progress made by the RCM TF in its work in strengthening and evolving existing regional mechanisms for regional cooperation towards capability and capacity building and technical assistance in the Asia Pacific region, the Conference encouraged RCM TF and States/Administrations to take actions to address the challenges and training needs as identified in the Needs Survey conducted in June 2023.

**58th Conference of Directors General of Civil Aviation
Asia and Pacific Regions**

Discussion Paper	Action Item	Description
DP/9b/05	58/46	Noting the preliminary insights and findings of the work done by the RCM TF in examining the feasibility of an Asia Pacific Civil Aviation Commission (APCAC), the Conference endorsed the options <i>strengthening existing mechanisms</i> and <i>developing new mechanism</i> to be considered in the final phase of the work to examine the feasibility of APCAC.
DP/9b/06	58/47	Noting the progress of the work of the APAC ANSP Committee, the Conference encouraged States/Administrations to support their ANSPs in contributing towards the work of the APAC ANSP Committee towards the realisation of the planned deliverables and encourage their ANSPs to actively participate in the APAC ANSP Committee.
Agenda Item 10a: Any Other Matters		
DP/10a/01	58/48	Noting the tentative programme of meetings, seminars and workshops of the ICAO Regional Office for 2024, the Conference encouraged States/Administrations to continue actively participating in the ICAO regional meetings and training programmes throughout 2024.
DP/10a/02	58/49	Noting the confirmation to host the APAC DGCA Conference in 2024 by the Philippines, the Conference requested States/Administrations to consider hosting subsequent Conferences and communicate their offers to the ICAO APAC Office in Bangkok.
DP/10a/03	58/50	Noting the plan to apply new guidance on the development of papers for the next DGCA Conference, the Conference requested States/Administrations to provide further comments, if any, to the draft guidance by 30 November 2023.
Agenda Item 10b: Hosting offer and Theme Topic for the forthcoming Conference(s) of APAC DGCA		
DP/10b/01	58/51	The Conference adopted the Theme Topic for the 59th DGCA Conference of Asia and Pacific Regions to be hosted by Philippines: <i>Shaping the Future of Air Transport: Sustainable, Resilient, and Inclusive.</i>