

**INTERNATIONAL CIVIL AVIATION ORGANIZATION**



## **DRAFT REPORT**

**EIGHTH MEETING OF THE ASIA/PACIFIC WILDLIFE HAZARD MANAGEMENT  
WORKING GROUP (AP-WHM/WG/8)**

BANGKOK, THAILAND, 25 TO 28 MAY 2026

The views expressed in this Report should be taken as those  
of the Meeting and not the Organization

Approved by the Meeting and published by the  
ICAO Asia and Pacific Office, Bangkok

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## 1. Introduction

1.1 The Eighth Meeting of the Asia/Pacific Wildlife Hazard Management Working Group (AP-WHM WG/8) was held in Bangkok, Thailand from 25 to 28 May 2026.

## 2. Attendance

2.1 The Meeting was attended by 54 participants from 13 Member States, International Federation of Air Line Pilots' Associations (IFALPA), World Birdstrike Association (WBA) and ICAO. Mastermark Pte. Ltd. participated as an exhibitor and Wildlife Hazard Management Expert Group participated as an observer.

2.2 The List of Participants is placed at **Attachment A** to this Report.

## 3. Opening of the meeting

3.1 Mr. Deo Chandra Lal Karn, Chairperson of AP-WHM/WG, welcomed the participants.

## 4. Officers and Secretariat

4.1 Mr. Deo Chandra Lal Karn, Chairperson of AP-WHM/WG, presided over the meeting. Ms. Saranya Weerarakdecha, Officer/AGA, ICAO Asia and Pacific Office, was the Secretary of the Meeting and provided support to the Meeting.

## 5. Working Arrangements, Language and Documentation

5.1 The working language of the meeting was English inclusive of all documentation and this report. There were 12 Working Papers, 10 Information Papers, 2 Presentations and 1 Flimsy considered by the Meeting. A List of Papers and Presentations is included at **Attachment B** to this Report.

## 6. Conclusions and Decisions

### Draft Conclusions, Draft Decisions and Decisions of AP-WHM/WG – Definition

6.1 The AP-WHM/WG recorded its actions in the form of Draft Conclusions, Draft Decisions and Decisions within the following definitions:

- a) **Draft Conclusions** deal with matters that, according to APANPIRG Terms of Reference, require the attention of States, or action by the ICAO in accordance with established procedures;
- b) **Draft Decisions** deal with the matters of concern only to APANPIRG and its contributory bodies; and
- c) **Decisions** of AP-WHM/WG relate solely to matters dealing with the internal working arrangements of the AP-WHM/WG.

## 7. Terms of Reference of AP-WHM WG

7.1 The second amendment to the Terms of Reference of AP-WHM/WG, approved by the Seventh Meeting of the Aerodrome Operations and Planning Sub-group (AOP/SG/7) (Bangkok, Thailand from 3 to 6 July 2023) includes inter alia the following:

### **TERMS OF REFERENCE WILDLIFE HAZARD MANAGEMENT WORKING GROUP (WHM/WG) (Second Amendment to AP-WHM/WG's TOR approved by AOP/SG/7)**

#### **Objective:**

To assist States to establish a National Wildlife Hazard Management Committee and Wildlife Hazard Management Programme.

#### **Scope of works:**

To meet the above objectives the Working Group shall carry out the following tasks:

- 1) Develop a model TOR for National Wildlife Hazard Management Committee (NWHMC);
- 2) Monitor the establishment of a National Wildlife Hazard Management Committee by the States;
- 3) Assist in conducting workshop/seminar on Global and Regional Guidance on WHM;
- 4) Develop Asia Pacific Regional Guidance on Wildlife Hazard Management Programme, as needed;
- 5) Share the best practices on the measures adopted by member States/Administrations to prevent wildlife strike hazards at or in the vicinity of aerodromes;
- 6) Develop a performance measurement metrics to evaluate the effectiveness of the implementation of the Wildlife Hazard Management Programme;
- 7) Be consistent with ICAO Annex 14, Volume I – Aerodrome Design and Operations, PANS-Aerodromes (Doc 9981), Doc 9137 Airport Services Manual, Part 3 – Wildlife Hazard Management, ICAO Bird Strike Information System (Doc 9332) and other requirements where applicable;
- 8) Analysis of the regional problems/issues in wildlife hazard management fields;
- 9) Support States with limited resources (human and financial) to enhance their capacity in Wildlife Hazard Management through workshops and technical assistance, such as, ICAO Asia/Pacific WHM Go-Team Mission, as needed;
- 10) Monitor and assist States in the establishment and implementation of National Wildlife Hazard Management Programme; and
- 11) Maintain the register of WHM Experts nominated by States and Industry Partners.

**Composition:**

The Working Group would be composed of subject matter experts nominated by APAC States / Administrations and International Organization satisfying the criteria:

- (1) Minimum 3 years of work experience in CAA Aerodrome Regulatory Department or NWHMC or in International Organizations or Aerodrome Operations at international airports in wildlife hazard management field;
- (2) Familiar with Annex 14 and related guidance materials (PANS-Aerodromes (Doc 9981); Airport Services Manual (Doc 9137), Part 3 – Wildlife Hazard Management, ICAO Bird Strike Information System (Doc 9332); and
- (3) The nominated expert will continue to be a member for a minimum of three consecutive years.

States in other ICAO regions and industry partners with experience in wildlife hazard management may also be invited to participate in the Working Group.

**Conduct of the work and timeframe:**

As far as practicable, the work would be carried out through electronic correspondences and web-conferences. The Working Group will hold at least one face-to-face meeting a year. Onsite assistance may be provided to States, if required, on cost-recovery basis through ICAO Asia/Pacific WHM Go-Team missions. The ICAO APAC Office would do necessary coordination. The ICAO COSCAPs will support the implementation of Tasks.

**Time frame:**

The Working Group would complete its work by September 2026.

**8. List of Draft Conclusions, Draft Decisions and Decisions:**

**Draft Conclusion AP-WHM/WG/8 – 1: Wildlife Hazard Management (WHM) Go-Team Workshop and Capacity Building Programme**

**Draft Conclusion AP-WHM/WG/8 – 2: Sharing Updates on Aerodrome-Related Information**

**Draft Decision AP-WHM/WG/8 – 3: Proposal for Amendment to AP-WHM/WG's TOR**

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**Agenda Item 1: Adoption of Provisional Agenda (WP/01)**

1.1 The Provisional Agenda presented in WP/01 was adopted as Agenda for the Meeting.

- Agenda Item 1: Adoption of Provisional Agenda
- Agenda Item 2: Review of Outcomes of Related Meetings/Seminars
- Agenda Item 3: Global, Regional and National Guidance/Best Practices on Wildlife Hazard Management
- Agenda Item 4: Progress Update on Tasks Assigned to States and International/Regional Organizations
- Agenda Item 5: State's Action Plan for Establishment and Implementation of Wildlife Hazard Management Programme – State's Update
- Agenda Item 6: Any Other Business
- Agenda Item 7: AP-WHM/WG ToR and Task List
- Agenda Item 8: Date and Venue of Next Meeting

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**Agenda Item 2: Review of Outcomes of Related Meetings/Seminars**Outcomes of AOP/SG/9 and APANPIRG/36 Meetings (WP/02)

2.1 The Secretariat provided outcomes of AOP/SG/9 (30 June to 04 July 2025) and APANPIRG/36 (24 to 26 November 2025) Meetings related to the Asia Pacific Wildlife Hazard Management Working Group (AP-WHM/WG). The Report of AOP/SG/9 and APANPIRG/36 Meetings could be accessed at: <https://www.icao.int/APAC/meetingdocs?fid=531>.

2.2 AP-WHM/WG/8 noted that AOP/SG/9 had adopted the following Conclusion formulated by AP-WHM/WG/7:

***Conclusion AOP/SG/9 – 9 (Draft Conclusion AP-WHM/WG/7 – 1): ICAO Asia/Pacific Wildlife Hazard Management Workshop***

*That, key takeaways of the ICAO Asia/Pacific Wildlife Hazard Management Workshop be circulated to Asia/Pacific States/Administrations for information and consideration and published on the ICAO APAC Website eDocuments Webpage.*

2.3 AP-WHM/WG/8 noted that APANPIRG/36 had adopted the following Conclusion formulated by AP-WHM/WG/7 and endorsed by AOP/SG/9:

***Conclusion APANPIRG/36/4 – Acknowledgement of Wildlife Strike as One of the High-Risk Category of Occurrences (HRCs) for Asia and Pacific Regions***

*What, Acknowledging that wildlife strike is a widespread concern affecting States in the Asia Pacific Region, and some States in Asia Pacific Region have already identified Wildlife Strike as one of the National High-Risk Category of Occurrences (N-HRCs) in their National Aviation Safety Plan (NASP):*

- a) Wildlife Strikes should be considered to identify as one of the Regional HRCs (R-HRCs) in the Asia-Pacific Regional Aviation Safety Plan; and*
- b) take up the concern of wildlife strike to the appropriate forum of ICAO for seeking additional Safety Enhancement Initiatives as mitigation measures for all APAC States/Administrations.*

2.4 AP-WHM/WG/8 noted that at APANPIRG/36, the AOP Subgroup Chairman highlighted the wildlife strike hazard reduction as one of the challenges in AOP fields for 2026.

2.5 The Meeting encouraged States/Administrations to consider identified Wildlife Strike as one of the National High-Risk Category of Occurrences in their respective National Aviation Safety Plan.

2.6 The Meeting also encouraged States/Administrations and Aerodrome Operators requiring assistance in wildlife hazard management to make use of the Asia/Pacific WHM Go-Team Technical Assistance Mission, on a cost recovery basis, through ICAO APAC Office.

Update on ICAO Wildlife Hazard Management Expert Group (WP/12)

2.7 The WP/12 presented an update on progress in the last 12 months by the ICAO Wildlife Hazard Management Expert Group (WHM EG). ICAO established a focus group in 2017, named the Wildlife Hazard Management Expert Group (WHM EG). This group operates under ICAO's

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Aerodrome Operations Working Group (AOWG) and the Aerodrome Design and Operations Panel (ADOP). The group has met three times since the AP-WHM/WG/7 meeting and is planning on another meeting in late October 2026. Work to date has been significant review of WHM provisions across ICAO Annex 14, PANS-Aerodromes (Doc 9981) and Airport Services Manual (Doc 9137), Part 3 – Wildlife Hazard Management and a complete re-write of the Manual on the ICAO Bird Strike Information System (IBIS) (Doc 9332). Future tasking of the WHM EG is expected to address the Recommendations made with WP/54, circulated at AN-Conf/14 in late 2024.

2.8            [The Meeting invited States/Administrations to submit a Discussion Paper addressing challenges and issues related to Standards and Recommended Practices \(SARPs\) on Wildlife Hazard Management to the 61<sup>st</sup> DGCA Conference, to be hosted by Malaysia in 2026.](#)

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**Agenda Item 3: Global, Regional and National Guidance/Best Practices on Wildlife Hazard Management**Capacity Building and Training Standardisation (WP/03)

3.1 The WP/03, presented by the Worldbirdstrike Association (WBA), highlighted the need for consistent, competency-based Wildlife Hazard Management (WHM) training aligned with ICAO Annex 14, Airport Services Manual (Doc 9137), Part 3 – Wildlife Hazard Management, PANS-Aerodromes (Doc 9981), and Safety Management System (SMS) principles, to promote a harmonised standard of WHM knowledge and competency across all WHM personnel and resources. The paper also emphasized the importance of initial and recurrent training, wildlife identification, risk assessment, habitat management, reporting practices, technology-based systems, and effective collaboration between regulators, aerodrome operators, and environmental authorities.

3.2 AP-WHM/WG/8 informed States/Administrations of the ICAO TRAINAIR Plus Airport Wildlife Hazards Courses, conducted in collaboration with Embry-Riddle Aeronautical University, scheduled for November 2026 in Singapore.

3.3 The Meeting discussed the establishment of minimum training requirements for all level of aerodrome personnel, as well as minimum equipment and tools for wildlife hazard management at aerodromes. It was noted that such equipment and tool requirements should be tailored to each aerodrome, taking into consideration aerodrome and aircraft operations, environmental conditions, wildlife species, etc.

3.4 The Meeting also discussed the development of guidance material on Wildlife Hazard Management for Water Aerodrome and agreed to form a SWG consisting of SMEs from WBA (Lead) supported by Maldives (Velana International Airport), New Zealand, and Sri Lanka to develop Regional Guidance on Wildlife Hazard Management for Water Aerodrome. The Meeting decided to include this activity in the AP-WHM/WG Task List as Task 8/4.

Corporate Action Plan for Establishment & Implementation of Wildlife Hazard Management (IP/03)

3.5 The IP/03, presented by Angkasa Pura Indonesia (Injourney Airports), Indonesia, presented an update on PT Angkasa Pura action plan and implementation of the Wildlife Hazard Management Program. The plan focuses particularly on the steps taken and being in progress to implement the identified actions for Wildlife Hazard Management Program in PT Angkasa Pura Indonesia. PT Angkasa Pura Indonesia, as the operator of 37 airports across Indonesia, has developed a Corporate Action Plan for the establishment and implementation of the Wildlife Hazard Management Program (WHMP) to strengthen aviation safety and mitigate wildlife strike risks. The programme emphasizes the importance of structured wildlife hazard management through organizational planning, stakeholder coordination, and implementation of airport-specific mitigation measures. Angkasa Pura Indonesia has also issued Directors Regulation Number PD.DO.0004/I/2025 as guidance for wildlife hazard management, aligned with ICAO provisions and national aviation regulations.

3.6 To support the implementation of the WHMP, PT Angkasa Pura Indonesia has conducted Focus Group Discussions with DGCA, airlines, Air Navigation Service Providers, and wildlife management experts to develop both national and corporate action plan frameworks. The company is also enhancing airport safety through the implementation of EBIRD, an AI-based computer vision system capable of real-time wildlife detection and monitoring. These initiatives demonstrate Indonesia's commitment to improving wildlife hazard management through technological innovation, regulatory enhancement, and multi-stakeholder collaboration.

2025/26 Update from Australian Aviation Wildlife Hazard Group (AAWHG) and International Conference – 1-3 September 2026, Sydney, Australia (IP/04)

3.7 The Australian Aviation Wildlife Hazard Group (AAWHG) is formally designated as the primary aviation Wildlife Hazard Management (WHM) reference body in Australia and within the Australian State Safety Programme, actively engages with the various parts of the aviation industry. The AAWHG holds one of two different types of externally interfaced, massed events each year and alternates between the two types. The first being a Conference (formerly known as a Forum) with a formal agenda, theme, topics and list of speakers and the second being a Workshop. As the name suggests, the Workshop is more focused on facilitating an all of industry, engaged development of supporting materials, guidance and Recommended Practices. IP/04 presented a summary of the key achievements of the AAWHG since AP-WHM/WG/7, an aviation industry workshop in 2025. The Workshop was held in Sydney, Australia on 12-13 August, and was attended by over fifty members of the aviation industry, including airlines, environmental consultants, airports and government. The paper also highlighted details of the upcoming International Conference planned to occur in Sydney, Australia on 1 – 3 September 2025.

Threats Posed by Wild Animals at Islamabad International Airport (IP/08)

3.8 IP/08, presented by the Pakistan Airports Authority (PAA), highlighted the growing safety threat posed by wild animals, particularly wild boars and other mammals, at Islamabad International Airport (IIAP). The airport's terrain, dense vegetation and surrounding water bodies have created a significant wildlife hazard. Following the installation of thermal cameras in August 2025, enhanced detection capabilities enabled airport management to prevent major wildlife strikes. However, the increased number of animal sightings near the maneuvering area continued to cause operational disruptions, including crew alerts, holding patterns and delayed take-offs.

3.9 To address these challenges, IIAP has implemented a range of mitigation measures, including thermal imaging for enhanced detection, increased workforce in shifts and patrolling frequency, a comprehensive wildlife survey conducted by external experts and the installation of an additional concertina wire barrier to prevent wildlife ingress into the maneuvering area. Other measures include active control using sirens and pyrotechnics, regular fence monitoring, coordination with local authorities and staff capacity-building. Additionally, IIAP has invited local community experts to work alongside airside personnel to identify animal hideouts, as well as to lure, capture and relocate animals. This is a collaborative effort carried out through multiple sessions over the years. These ongoing initiatives aim to address the wildlife hazard at IIAP. PAA also invited other states to share similar experiences from their airports and suggest additional measures to mitigate wildlife hazards at IIAP.

Pakistan's Legal and Institutional Framework in Relation to WHM (IP/09)

3.10 IP/09, presented by Pakistan, highlighted its comprehensive legal and institutional framework for Wildlife Hazard Management (WHM) aimed at mitigating wildlife strike risks and enhancing aviation safety. It emphasized that effective WHM requires strong legal authority, land-use control, inter-agency coordination, and enforcement mechanisms both within and outside aerodrome.

3.11 Pakistan has established a multi-layered WHM framework comprising primary legislation, subsidiary legislation, and institutional coordination mechanisms. The framework empowers aviation authorities to regulate wildlife attractants, control incompatible land use, enforce compliance, implement ICAO SARPs, and coordinate with federal, provincial, and local authorities through bodies such as the Pakistan Civil Aviation Authority, the National Aerodrome Safety Committee, and aerodrome-level Environmental Control Committees. Pakistan remains committed to continuously improving WHM through regulatory modernization and international best practices.

Christchurch International Airport Wildlife Control (PPT/02)

3.12 Presented Christchurch International Airport (CIAL), New Zealand, PPT/02 provided overview of its wildlife hazard management covering both on-airport and off-airport areas within a 13 km radius. The WHM activity includes daily wildlife surveys, habitat management, data collection, stakeholder collaboration, and targeted control of high-risk species. The presentation also highlighted the use of the BIRDTab (Scarecrow), tablet with a GPS satellite navigation unit, for wildlife dispersal and reporting, as well as collaboration with aviation stakeholders and external partners in support of wildlife hazard management initiatives.

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**Agenda Item 4: Progress Update on Tasks Assigned to States and International/Regional Organizations**

Programme Document for the APAC Wildlife Hazard Management Go-Team (WP/04)

4.1 Worldbirdstrike Association (WBA), on behalf of the Small Working Group (SWG) for Task 7/3, presented the proposed APAC WHM Go-Team Training Syllabus and Capacity Building Programme. The programme aims to improve baseline WHM awareness, operational competency, Wildlife Hazard Assessments (WHA) and Wildlife Hazard Management Programmes (WHMP) implementation, wildlife risk assessment, SMS integration, off-aerodrome coordination and regional harmonisation of WHM practices relevant to the training audience.

4.2 AP-WHM/WG/8 agreed to formulate the Draft Conclusion on Wildlife Hazard Management Go-Team Workshop and Capacity Building Programme for consideration by AOP/SG/10.

<b>Draft Conclusion AP-WHM/WG/8 – 1: Wildlife Hazard Management (WHM) Go-Team Workshop and Capacity Building Programme</b>	
<p>What: That,</p> <p>(a) Support the development and implementation of a standardised APAC Wildlife Hazard Management (WHM) Go-Team workshop syllabus and capacity building programme; and</p> <p>(b) Endorse the conduct of an initial workshop with WHM Experts for feedback and refinement purposes, followed by a pilot implementation at a selected mature aerodrome in the APAC Region to assess the operational effectiveness of the WHM Go-Team Workshop prior to its incorporation into WHM Go-Team Programme Document.</p>	<p>Expected impact:</p> <p><input type="checkbox"/> Political / Global</p> <p><input type="checkbox"/> Inter-regional</p> <p><input type="checkbox"/> Economic</p> <p><input checked="" type="checkbox"/> Environmental</p> <p><input checked="" type="checkbox"/> Ops/Technical</p>
<p>Why: To strengthen Wildlife Hazard Management competency, improve aviation safety and support harmonised WHM implementation across APAC States.</p>	<p>Follow-up: <input type="checkbox"/> Required from States</p>
<p>When: 14-Aug-26</p>	<p>Status: Draft to be adopted by Subgroup</p>
<p>Who: <input checked="" type="checkbox"/> Sub groups <input type="checkbox"/> APAC States <input checked="" type="checkbox"/> ICAO APAC RO <input type="checkbox"/> ICAO HQ <input checked="" type="checkbox"/> Other: AP-WHM/WG</p>	

Development of a Wildlife Hazard Management Starter Toolkit for Aerodromes (WP/10)

4.3 Worldbirdstrike Association (WBA), on behalf of the Small Working Group (SWG) for Task 7/7, presented a practical Wildlife Hazard Management Starter Toolkit to assist regional, secondary, newly certified and expanding aerodromes. The proposed toolkit provides a scalable baseline framework covering hazard identification, initial risk assessment, mitigation, reporting, awareness/training, and continuous improvement. It also supports SMS integration and audit readiness with a basic checklist of key activities to assist aerodrome operators.

Review and Validation of APAC State Wildlife Hazard Management Regulations (WP/11)

4.4 Worldbirdstrike Association (WBA), on behalf of the Small Working Group (SWG) for Task 7/1, presented a collaborative regional review of APAC State Wildlife Hazard Management (WHM) regulations and guidance material. The review involved validating publicly available WHM regulatory links and reference material. The paper invited the Meeting to review and confirm the accuracy of the captured information, verify the existence of current WHM regulations, and seek assistance where regulatory frameworks require development, enhancement, or updating.

4.5 [AP-WHM/WG/8](#) agreed to review and validate the information listed in Attachment A to WP/11 and provide updates to ICAO APAC or WBA (Lead of SWG Task 7/1) via email.

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**Agenda Item 5: State's Action Plan for Establishment and Implementation of Wildlife Hazard Management Programme – State's Update**State Action Plan for Development and Implementation of Malaysia Wildlife Hazard Management Programme (WHMP) (IP/05)

5.1 Presented by Malaysia, the IP/05, highlighted its progress in establishing and implementing a structured Wildlife Hazard Management Programme (WHMP) in accordance with ICAO standards and recommended practices. The paper outlined initiatives undertaken by the Civil Aviation Authority of Malaysia (CAAM) including the establishment of the National Wildlife Hazard Management Committee (NWHMC) and implementation of Wildlife Hazard Management Committees at aerodrome level as well as the integration of wildlife hazard management requirements within the national regulatory framework. Malaysia had centralized its reporting system through the Civil Aviation Authority of Malaysia Reporting System (CARES) and submitted wildlife strike data to the ICAO Bird Strike Information System (IBIS) to support reporting and data sharing.

5.2 The paper also emphasized several challenges faced in implementing the WHMP including inconsistencies in wildlife strike reporting practices, difficulties in managing off-aerodrome wildlife attractants involving multiple stakeholders and resource limitations such as manpower and expertise. To address these challenges, Malaysia will continue strengthening stakeholder coordination, enhancing competency through training and awareness programmes and improving reporting culture and oversight activities.

State Action Plan for Development and Implementation of Indonesia Wildlife Hazard Management Program (WHMP) (IP/06)

5.3 Presented by Indonesia, the IP/06, shared a comprehensive State Action Plan for the implementation of the Wildlife Hazard Management Program (WHMP), developed by Indonesia's Directorate General of Civil Aviation (DGCA), to mitigate wildlife strike risks at aerodromes nationwide. The programme promoted a coordinated approach involving aerodrome operators, aircraft operators, air navigation service providers, research institutions, and other stakeholders. The action plan outlined sixteen key activities covering national coordination, regulatory development, training, oversight, wildlife strike reporting, and the establishment of wildlife hazard management committees at both national and aerodrome levels.

5.4 Indonesia has made significant progress through the establishment of the Wildlife Hazard Management Working Group under DG Decree KP157-2023, designation of WHM focal points, and integration of ICAO provisions into national regulations and airport-level WHM plans. Ongoing initiatives included enhancement of wildlife strike reporting through IBIS, regional data sharing with neighbouring States, technical training programmes, and strengthened coordination among aviation stakeholders. Indonesia aimed to complete all planned WHMP activities by 2027, including the establishment of a National Wildlife Hazard Management Committee and the development of regulations addressing land-use impacts around aerodromes.

State Action Plan for Development and Implementation of Lao PDR Wildlife Hazard Management Program (WHMP) (IP/10)

5.5 IP/10, presented by Lao PDR, shared the progress made in developing and implementing the National Wildlife Hazard Management Programme (WHMP). Lao PDR has developed a national action plan comprising 16 implementation actions, designated a national WHM focal point, and initiated coordination among relevant aviation stakeholders. The paper also highlighted that the Civil Aviation Law is being revised to strengthen requirements related to land-use management in the vicinity of airports to control activities that may affect aircraft operational safety, including

wildlife attractants. In parallel, the Department of Civil Aviation of Lao PDR (DCAL) is developing a Prime Minister Decree on land use management around airports, which is expected to support the establishment of a National Wildlife Hazard Management Committee as a national coordination mechanism. Challenges highlighted by Lao PDR included limited time for drafting the proposed decree and lack of technical expertise in wildlife hazard management and legislative development.

5.6 The Meeting further noted that Lao PDR is progressing aerodrome certification activities for international airports, where WHM implementation forms part of the certification and oversight process. Training programmes and competency requirements for WHM personnel are also under review and enhancement.

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**Agenda Item 6: Any Other Business**

Requesting States to Share Updates on Aerodrome-Related Information (WP/05)

6.1 The Secretariat presented a proposal requesting States/Administrations to share updates on aerodrome-related information as follows:

- a) International Aerodromes to be Published in the ANP;
- b) Certification of Aerodromes;
- c) Publication of the Status of Certification of Aerodromes in AIP;
- d) Implementation of the Global Reporting Format (GRF);
- e) Implementation of Aircraft Classification Rating-Pavement Classification Rating (ACR-PCR);
- f) Implementation of Airport Master Plan;
- g) Implementation of Wildlife Hazard Management Programme (WHMP); and
- h) Runway Safety Team (RST).

6.2 States/Administrations are requested to submit updates on the above information to the ICAO APAC Office by the end of February of each year.

6.3 AP-WHM/WG/8 endorsed the proposal for States/Administrations to submit the requested information to the ICAO APAC Office by the end of February each year and agreed to present the following Draft Conclusion for consideration by AOP/SG/10.

<b>Draft Conclusion AP-WHM/WG/8 – 2: Sharing Updates on Aerodrome-Related Information</b>	
<p>What: That, APAC States/Administrations be invited to submit updates on aerodrome-related information to the ICAO APAC Office by the end of February each year.</p>	<p>Expected impact:</p> <p><input type="checkbox"/> Political / Global</p> <p><input type="checkbox"/> Inter-regional</p> <p><input type="checkbox"/> Economic</p> <p><input type="checkbox"/> Environmental</p> <p><input checked="" type="checkbox"/> Ops/Technical</p>
<p>Why: For monitoring and reporting of the implementation progress of the aerodrome design and operation provisions and key safety initiatives.</p>	<p>Follow-up: <input checked="" type="checkbox"/> Required from States</p>
<p>When: 14-Aug-26</p>	<p>Status: Draft to be adopted by Subgroup</p>
<p>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: XXXX</p>	

ICAO USOAP CMA and AGA Findings in WHM (WP/06)

6.4 AP-WHM/WG/8 noted ICAO USOAP CMA activities conducted in APAC States in 2025 and those planned for 2026.

6.5 The Meeting also noted the USOAP Effective Implementation (EI) scores of the individual APAC States for WHM related PQs derived from iSTARS 4.0, PQ Tester and provided in **Appendix A**. APAC average WHM EI in AGA area was 58.86 % as compared to the global average of 64.01% as of April 2026.

6.6 Table 6.1 below illustrates the APAC Average WHM EI scores for June 2018, April 2024, April 2025 and April 2026:

Table 6.1: APAC Average EI Scores for WHM PQs  
 [Source: USOAP CMA OLF/ iSTARS 4.0 - PQ Tester]

Year	APAC Average EI in WHM (%)	Global Average EI in WHM (%)	USOAP CMA PQ in AGA Area (WHM PQs)					Remarks
			8.328	8.329	8.331	8.333	8.335	
April 2026	58.86	64.01	71.43	64.71	62.86	47.22	48.57	5 PQs (2024 USOAP CMA PQ Checklist)
April 2025	56.57	63.25	71.43	58.82	60.00	44.44	48.57	5 PQs (2024 USOAP CMA PQ Checklist)
April 2024	50.26 (Adjusted EI)	61.83	-	-	-	-	-	5 PQs (2020 USOAP CMA PQ Checklist)
June 2018	57.5	-	64.71	60	60	41.18	51.43	6 PQs (2017 USOAP CMA PQ Checklist)

6.7 The Meeting encouraged APAC States/Administrations with EI less than 80% in WHM related PQs to put more resources and efforts to enhance their EI and meet the ICAO Global Aviation Safety Plan (GASP) 2026-2028 (Doc 10004) target; and to approach respective COSCAPs, PASO or ICAO APAC Office, if State(s) require assistance in WHM.

List of Experts of Asia/Pacific Wildlife Hazard Management Working Group (IP/02)

6.8 AP-WHM/WG/8 noted the updated list of experts of AP-WHM/WG provided in **Appendix B**.

6.9 The Meeting urged Members of the Working Group to review the list, update the information of the listed experts and provide names and contact details of new WHM Experts nominated by the respective CAA of the State to ICAO APAC Office.

Technical Specifications for Avian Radar Systems to Support Wildlife Hazard Management (IP/07)

6.10 Presented by Worldbirdstrike Association (WBA), IP/07 presented guidance on avian radar procurement and technical specifications. The paper emphasized that radar systems should only be procured following a fit-for-purpose feasibility study and risk-based justification. It also outlined requirements for detection, tracking, environmental performance, analytics, integration, installation, training, maintenance and supplier demonstration.

Managing Wildlife Risks Across Critical Flight Phases for Different Aircraft Types (PPT/01)

6.11 Wildlife mitigation on a runway is linked to an aircraft's susceptibility to strikes during different phases of flight. While wildlife hazards can affect aircraft operations at any stage, there are certain phases where the risk and potential consequences of a significant strike increase substantially. The presentation, presented by Mastermark Singapore, focused on the most critical and vulnerable phases of flight for commercial jet operations at airports: the V1, VR, and V2 segment of departure.

IFALPA Air Ground Environment (AGE) Committee Meeting and Runway Safety Team (RST) Workshop (Flimsy/01)

6.12 The World Birdstrike Association (WBA), on behalf of IFALPA and ALPA-S Singapore, extended a provisional invitation for a member of ICAO APAC WHM community to participate in the IFALPA Air Ground Environment (AGE) Committee Meeting and Runway Safety Team (RST) Workshop in Singapore from 26 to 30 October 2026, and informed the AP-WHM/WG/8 of the invitation.

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**Agenda Item 7: AP-WHM/WG TOR and Task List**

Proposal for an Amendment to the Terms of Reference of AP-WHM/WG (WP/07)

7.1 The Secretariat presented a proposal for an amendment to the current terms of reference of AP-WHM/WG.

7.2 As work under new scope added to the TOR of AP-WHM/WG which was approved by AOP/SG/7 in July 2023 is yet to be progressed, and to allow additional time for this Working Group to focus on the implementation aspects, including onsite technical assistance to States for the establishment of the National Wildlife Hazard Management Committee and Wildlife Hazard Management Programme, conducting WHM workshops/seminars/trainings, customization of Asia-Pacific Generic Guidance Materials for developing State’s Guidance Materials, providing on-the-job trainings to States’s Aerodrome Inspectors (WHM) as and when necessary, the Secretariat proposed to amend the TOR of AP-WHM/WG to function on a permanent basis, until it is dissolved by the AOP/SG.

7.3 AP-WHM/WG/8 supported the proposal for an amendment to the current terms of reference of AP-WHM/WG and endorsed the following Draft Decision for consideration by AOP/SG/10.

<b>Draft Decision AP-WHM/WG/8 – 3: Proposal for Amendment to AP-WHM/WG’s TOR</b>	
<b>What:</b> That, the Terms of Reference of the Asia/Pacific Wildlife Hazard Management Working Group (AP-WHM/WG) be amended as in <b>Appendix A</b> of WP/07.	<b>Expected impact:</b> <input type="checkbox"/> Political / Global <input type="checkbox"/> Inter-regional <input type="checkbox"/> Economic <input type="checkbox"/> Environmental <input checked="" type="checkbox"/> Ops/Technical
<b>Why:</b> To allow additional time for the Working Group to focus on onsite technical assistance to States for the establishment and implementation of the National Wildlife Hazard Management Committee and Wildlife Hazard Management Programme, and to function on a permanent basis, until it is dissolved by the AOP/SG.	<b>Follow-up:</b> <input type="checkbox"/> Required from States
<b>When:</b> 14-Aug-26	<b>Status:</b> Draft to be adopted by Subgroup
<b>Who:</b> <input checked="" type="checkbox"/> Sub groups <input type="checkbox"/> APAC States <input checked="" type="checkbox"/> ICAO APAC RO <input type="checkbox"/> ICAO HQ <input checked="" type="checkbox"/> Other: AP-WHM/WG	

AP-WHM/WG Task List (WP/08)

7.4 The AP-WHM/WG/8 Meeting reviewed the Task List, and the updated Task List provided in **Appendix C**.

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**Agenda Item 8: Date and Venue of Next Meeting**Provisional Agenda, Date and Venue of AP-WHM/WG/9 (WP/09)

8.1 The Meeting reviewed the draft agenda proposed by the Secretariat and agreed on the following Provisional Agenda for the AP-WHM/WG/9:

**AP-WHM/WG/9****DRAFT PROVISIONAL AGENDA**

- |                |   |
|----------------|---|
| Agenda Item 1: | Adoption of Provisional Agenda  |
| Agenda Item 2: | Review of Outcomes of Related Meetings/Seminars   |
| Agenda Item 3: | Global, Regional and National Guidance/Best Practices on Wildlife Hazard Management                               |
| Agenda Item 4: | Progress Update on Tasks Assigned to States and International/Regional Organizations                              |
| Agenda Item 5: | State's Action Plan for Establishment and Implementation of Wildlife Hazard Management Programme – State's Update |
| Agenda Item 6: | Any Other Business  |
| Agenda Item 7: | AP-WHM/WG ToR and Task List   |
| Agenda Item 8: | Date and Venue of Next Meeting  |

8.2 The next meeting of AP-WHM/WG would be held in March/April/May 2027 for four to five days. The venue proposed was ICAO APAC Office, Bangkok; however, State/Administration interested in hosting the Meeting was requested to contact the Secretariat. The venue of the meeting would be communicated to States/Administrations through the ICAO APAC Invitation Letter.

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**Closing of the Meeting**

9.1 Mr. Deo Chandra Lal Karn, Chairperson of the AP-WHM/WG, expressed sincere thanks and appreciation to the participants from States/Administrations, International Organizations (IOs), and Exhibitor for their contribution and support to AP-WHM/WG/8 Meeting. He also thanked the ICAO Secretariat for the excellent preparation of the Meeting.

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