



ICAO

International Civil Aviation Organization

ICAO Asia/Pacific Wildlife Hazard Management Workshop
and Seventh Meeting of the Asia/Pacific Wildlife Hazard
Management Working Group (AP-WHM/WG/7)

Pokhara, Nepal, 5 to 9 May 2025

**Agenda Item 5: State's Action Plan for Establishment and Implementation of
Wildlife Hazard Management Programme – State's Update**

**PROGRESS REPORT ON STATE ACTION PLAN FOR DEVELOPMENT AND
IMPLEMENTATION OF WHMP**

(Presented by Pakistan)

SUMMARY

This paper presents the progress made by Pakistan on action items of State Action Plan for Development and Implementation of WHMP

1. INTRODUCTION

1.1 ICAO APAC in its 33rd APANPIRG meeting (APANPIRG/33/4) made a Conclusion wherein the States/Administrations in APAC region were urged to develop and implement a “State Action Plan for Development and Implementation of WHMP”. A generic template with action items to be included in action plan was also issued by APAC Office. States were requested to target implementation by end of 2026.

1.2 In 6th APAC Wildlife Hazard Management Working Group Meeting (AP-WHM/WG/6) Pakistan was requested to share progress report on its “Action Plan for Development and Implementation of WHMP”

2. DISCUSSION

Progress on action items of “State Action Plan for Development and Implementation of WHMP”

2.1 Wildlife Hazard Management has posed significant challenges to aviation safety since the early days of the industry. Recognizing its impact on flight safety, Pakistan has taken various measures over the years to address this issue. A landmark step in this regard was the issuance of a dedicated Ordinance in 1965, specifically aimed at regulating wildlife and land use activities in areas surrounding airports that could potentially increase the risk of wildlife strikes. In addition to this primary legislation, the Federal Government has periodically issued various Statutory Regulatory Orders (SROs) to further strengthen the legal framework. These directives empower airport management to implement proactive strategies, enforce compliance, and mitigate the threat posed by birds and other wildlife to aircraft operations.

2.2 Following the issuance of “State Action Plan for Development and Implementation of WHMP” by ICAO APAC, Pakistan has developed its own action plan taking into account the unique environmental and operational circumstances of the country vis-à-vis flight safety requirements. It also incorporates and strengthens the existing wildlife hazard management (WHM) measures already in place across Pakistani airports.

2.3 Progress report and target implementation date on different action items of Pakistan’s Action Plan for Development and Implementation of WHMP is given at **Appendix-A** to this Information Paper.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) Note the information contained in this paper; and
- b) Discuss any relevant matters as appropriate.

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PROGRESS REPORT ON STATE ACTION PLAN FOR DEVELOPMENT AND IMPLEMENTATION OF WHMP

ID	Action	Entity Responsible	Targeted Implementation Date	Actual Implementation Date	Remarks
WHMP 1	Designate a WHM National Coordinator to coordinate activities for the development and implementation of WHMP at the national level	DGCAA	31-05-2024	30-04-2024	Additional Director Aerodrome Standards (head of aerodrome regulatory division) PCAA is designated as “National Wildlife Coordinator”
WHMP 2	Identify/designate WHM Focal Points in all stakeholders, e.g. aerodrome operators, ANSPs, aircraft operators, and pilots.	DGCAA Aerodrome Operators	30-06-2024	13-05-2024	Focal Points from aerodrome operators have been designated. Other stakeholders are included in WHM activities through local committees established by the aerodrome operators.
WHMP 3	Review ICAO provisions and Guidance issued by other relevant aviation organizations.	Director AAR Additional Director Aerodrome Standards	30-06-2023	31-05-2023	Initial review of ICAO provisions was completed on 31 st May, 2023. After the review, guidance material in the form of Air Safety Circular (ASC 003-ARAS-1.0) was also issued. It is continuous process being looked after by Aerodrome Regulatory Division on regular basis.
WHMP 4	Establish National WHM Committee (NWHMC) with defined terms of reference.	Federal Secretary In-charge of Aviation	30-06-2026 (ICAO Target Implementation date is 31-12-2026)		Pakistan has already established WHM Committees at provincial level. Composition of “National Aerodrome Safety Committee” has been completed and submitted to Federal Secretary In-charge of Aviation for approval of the Federal Government. Apart from WHM, the TORs of National Aerodrome Safety Committee include conflict resolution between aviation safety, environmental requirements and / or land use activities.
WHMP 5	Facilitate WHM initial training in basic WHM concepts for NWHMC members.	DGCAA	31-12-2026		Basic WHM training for members of committee will be arranged through wildlife experts
WHMP 6	Organize initial and recurrent technical WHM training and seminars for Focal Points and relevant staff members of all stakeholders.	DGCAA DGPAA Aerodrome Operators	31-12-2026		Some basic training has been arranged. A comprehensive course is under development at Civil Aviation Training Institute.

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ID	Action	Entity Responsible	Targeted Implementation Date	Actual Implementation Date	Remarks
WHMP 7	Identify, if non-existing, develop and if need be, amend regulations, standards and guidance materials, e.g. SSP, reference to WHMP in aerodrome manual and SMS manual.	DGCAA	Developed	Implemented	Following regulations and guidance material has been published by Pakistan • The Aircraft Ordinance-1965 • S.R.O 342 (I) 86 • S.R.O 343 (I) 86 • Rule-71 of CARs • ASC-003-ARAS
WHMP 8	Establish regulations and/or guidelines that consider WHM aviation safety impacts related to land infrastructural developments outside the aerodrome boundary.	Federal Government DGCAA	Established	Implemented	The Aircraft Ordinance-1965, S.R.O 342 (I) 86 and S.R.O 343 (I) 86 provide for control of land use activities outside the airport premises which may cause wildlife strike hazard.
WHMP 9	Establish airport WHM committees with defined terms of reference and representation from all relevant stakeholders.	Aerodrome operators	Established	Implemented	Airports had already established “Environment Control Committees” which have been integrated in the State Action Plan
WHMP 10	Develop airport WHM Plan covering on and off airport activities, facilities and infrastructure and any changes thereof, contingencies and crises so that any impact of such elements shall be included in the WHM plan. Consistency with other plans shall also be duly considered.	Aerodrome Operators	On-going		Airports have developed procedures for WHM. Major airports have completed “Wildlife Risk Assessment” covering on and off the airport area. Based on the study, aerodrome operators have been directed to develop airport WHM Plan
WHMP 11	Include the review of effectiveness of airport-level WHM Plan(s) in State safety oversight program.	DGCAA Director AAR	Implemented		Audit of Airport Wildlife Hazard Management is carried out on Annual basis. Procedures and action taken by the aerodrome operators are assessed during annual surveillance activities through appropriate checklists. Working of ECCs is monitored by Pakistan CAA.
WHMP 12	Establish methodology and procedures to review regularly, e.g., annually, the effectiveness of national WHM program.	DGCAA	On-going		Wildlife Strikes reduction is key element of National Aviation Safety Plan. Wildlife strikes are reported as MOR through SDCPS. Data is analyzed by SSP on regular basis.

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ID	Action	Entity Responsible	Targeted Implementation Date	Actual Implementation Date	Remarks
					State level performance targets have also been established.
WHMP 13	Coordinate airport WHM Plan with air operators and other airport users in the identification of wildlife hazards, e.g. locations and probabilities of wildlife presence, to improve effectiveness of mitigation measures, e.g. by providing a mechanism to share in a timely manner wildlife hazard intelligence with other stakeholders, in particular, pilots, such as alert bulletins, NOTAMs and wildlife detection technologies.	DGCAA All relevant stakeholders	On-going		Procedures for WHM at airports have been developed after due consultation with stakeholders including air operators. Input from such stakeholders is also obtained during ECC meeting. Air Operators, GHSPs, etc. have been provided access to SDCPS for reporting of wildlife presence and strikes. Aerodrome Operators issue NOTAM / Publish information in AIP to warn the pilots regarding Wildlife activity. Information is also transmitted through ATIS Broadcast.
WHMP 14	Identify the necessary means and resources for the implementation of national WHMP (human, financial and material resources)	National Coordinator NWHMC	On-going		Induction of wildlife experts in regulatory and service provider functions is under way. Some airports are also working on installation of equipment's for Wildlife Hazard Management.
WHMP 15	Promote safety and reporting culture as per safety management principles	DGCAA All relevant stakeholders	Implemented		PCAA has established Voluntary Hazard Reporting system with confidentiality of identification to encourage reporting. SDCPs access given to airliner, GHSPs and other aerodrome users for safety reporting. Safety culture is also promoted through training, workshops, awareness campaigns, etc.
WHMP 16	Establish wildlife hazard data base as part of SDCPS under SMS and SSP and report electronically wildlife strikes in the standard ICAO format.	CAA Aerodrome operators	Established		SDCPS has been established which serves as "data base" for wildlife hazard.