



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 4: Progress Update on Tasks assigned to States and International/Regional Organizations

**ICAO ASIA-PACIFIC WILDLIFE HAZARD MANAGEMENT GO-TEAM
METHODOLOGY - UPDATE**

(Presented by Australia, India, Thailand, ACI & WBA)

SUMMARY

This paper presents a draft assistance programme for States known as the 'Wildlife Hazard Management GO-Team' approach. This approach is designed for adoption and use by States within the ICAO Asia-Pacific Region. It specifically provides a templated timeline for a 1-week GO-Team mission, supplemented by the pre-and post-mission activities and elements. The WHM GO-Team approach focusses particularly on the establishment of national WHM committees and a national WHM programme.

1. INTRODUCTION

1.1 The Wildlife Hazard Management (WHM) GO-Team concept was initially proposed by ACI at AP-WHM/WG/5 via WP/05 in May 2023.

1.2 This proposal was adopted as a task via the AP-WHM/WG Terms of Reference revised at AP/WHM-WG/5 and Task 5/5; to review and refine for presentation at AP/WHM-WG/6 with a view to escalation to APANPIRG.

1.3 Subsequently, APANPIRG/34 met from 11-13 December 2023 in Hong Kong, China and at APANPIRG/34/5 the following conclusion was made:

- The needs for technical assistance in the area of WHM for ICAO APAC States be periodically reviewed,
- States with such needs be encouraged and invited to host WHM missions; and
- The methodology for running such Go-Team missions provided in **Appendix C** to the Report of AOP/SG/7 be adopted by APANPIRG/34.

1.4 The AP-WHM/WG Task 5/5 team comprises Australia, India, Thailand, WBA and is led by ACI. Meetings were held in September and November 2023 and February 2024 with an aim to develop and define a generic/templated timeline for a 1-week WHM GO-Team mission and with additional considerations of pre- and post-mission requirements.

2. DISCUSSION

2.1 The methodology consists of 3-steps:

- Planning and coordination of the mission; including agreed outcomes (*pre-mission phase*);
- Execution (*mission phase*); and
- Follow up; including consideration of the extent of agreed outcomes met (*post-mission phase*).

2.2 The proposed Go Team mission provides a template day-by-day timeline of activities that the Go Team members and the Host State may follow in order to best achieve the aim of the mission, i.e. to assist the Host State to enhance WHM.

2.3 Under this proposed programme, during the planning phase before the mission, the Go Team will seek to understand the Host State's WHM needs through a questionnaire available for download at ICAO APAC's website [here](#).

2.4 Once onsite in the Host State, the Go Team starts the first day of the week with an explanation of the purpose of the mission and the Host State will in return present the status of their SSP and WHM, and key concerns about WHM. In the following days the Go Team will conduct fieldwork and review relevant documents to assess current WHM practices at the State. The Go Team and the Host State will then together discuss and agree on recommendations aimed at improving WHM in the State and timelines to implement the recommendations. On the last day of the mission, the Go Team will present an initial report on the key observations, recommendations and a roadmap to implement the agreed actions.

2.5 Within 6 weeks after the mission, the Go Team should submit a final report for their consideration with view for the Host State to comment within 3 months of receiving the report.

2.6 **Appendix A** contains a draft programme including pre and post mission activities for the meeting's consideration.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) review, comment on and amend as deemed fit the draft WHM Go-Team mission programme described in **Appendix A**,
- b) discuss WHM Go-Team mission funding methodologies,
- c) if the proposed programme is deemed appropriate, endorse the Draft Conclusion formulated below for endorsement by AOP/SG/8 and adoption by APANPIRG/35,
- d) consider nomination as a host for a 'pilot' mission as per this programme; providing both a benefit to the hosting State and enabling a demonstration/trial of the methodology; and
- e) discuss any relevant matters as appropriate.

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Draft Conclusion AP-WHM/WG/6-X: ICAO Asia-Pacific WHM Go-Team Programme		
What:	That <ul style="list-style-type: none"> States with needs to enhance WHM be encouraged and invited to host WHM missions; and The ICAO APAC WHM Go Team Programme presented in Appendix A be endorsed by AOP-SG/8 with a view of having it approved by APANPIRG/35. 	Expected impact: <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Political / Global <input checked="" type="checkbox"/> Inter-regional <input checked="" type="checkbox"/> Economic <input type="checkbox"/> Environmental <input checked="" type="checkbox"/> Ops/Technical
Why:	To assist States in WHM	Follow-up: <input checked="" type="checkbox"/> Required from States
When:	27-Nov-24	Status: Draft to be adopted by PIRG
Who:	<input checked="" type="checkbox"/> Sub groups <input checked="" type="checkbox"/> APAC States <input type="checkbox"/> ICAO APAC RO <input type="checkbox"/> ICAO HQ <input type="checkbox"/> Other: XXXX	

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ICAO APAC WHM Go Team Programme

1. Purpose

This document offers a structured program for a five-day mission of an ICAO Wildlife Hazard Management (WHM) Go Team. The program content may be customised to align with the specific needs and environment of the Host State.

2. Preparations Before the Mission

The leader of the Go Team mission should send an ICAO APAC [questionnaire](#) on WHM to the Host State at least 6 weeks before the mission. The Host State is expected to complete the questionnaire at least two weeks before the mission, enabling a better understanding of their WHM requirements and challenges. The Host State is also expected to identify and invite well in advance relevant stakeholders in their State to participate in the Go Team activities.

Members of the Go Team mission should send necessary documents to the Host State for security clearance and preparation of airside permits. The onus of obtaining the necessary permits and clearances for airside access shall be the sole responsibility of the State in coordination with the airport well in advance taking into consideration the duration of the Go Team program, as the State specific security regulations may vary and the application process take time.

3. Mission Program

The Go Team may follow or adapt the mission program detailed below to suit the needs of the Host State. The program should be communicated at least two weeks in advance to the Host State for effective coordination and planning with relevant stakeholders.

Day	Activities	Action By or Participants
Day 1	Initial meeting and introductions	Host State and Go team
	Explain mission by Go Team, including objective of mission, ICAO requirements and guidance on WHM e.g. Annex 14, doc 9137 Part 3, and industry guidance (WBA, ACI guidance)	Go Team
	Explain the framework of State Safety Programme (SSP) to establish a national plan and procedures related to wildlife hazard management, not only at the aerodrome but also in its vicinity.	Host State
	Present an overview of WHM in State, including regulations, SSP, national plan, procedures, established committees, and wildlife strikes data.	Host State
	Identify and review key WHM concerns and adjust mission program as needed based on the questionnaire completed by Host State before the mission and the discussions in the morning of Day 1.	Host State and Go Team

Day	Activities	Action By or Participants
Day 2	<p>Morning session - discussion on key concerns and actions taken so far.</p> <p>Considering location, resourcing, and any environmental factors, discuss potential practical mitigation options available.</p> <p>Afternoon session - Fieldwork to assess current WHM practices such as:</p> <ul style="list-style-type: none"> • Habitat management; • Risk assessment and mitigation; • Identification of species, wildlife survey and monitoring, and strike data; and • Wildlife hazard control measures. 	Host State and Go Team
Day 3	<p>Based on discussions and evidence gathered on previous days and in consultation with the Go Team, Host State to propose an outline action plan and to prepare roadmap to progress and complete action plan.</p> <p>Reference documents for preparation of action plan and roadmap:</p> <ul style="list-style-type: none"> • State WHM Program and documents, e.g. audit procedure • Airport WHM Plan (agree on an alternative if Airports do not have a WHMP, e.g. any relevant documents available providing essential elements of a WHM Plan) • State regulations and procedures related to WHM 	Go Team accompanied by the relevant stakeholders of the Host State
Day 4	<p>In the morning, continuation of discussion on recommendations and action plan.</p> <p>In the afternoon draft initial report consisting of:</p> <ul style="list-style-type: none"> • <u>Key observations</u>: <ul style="list-style-type: none"> • Summary of Key WHM Concerns: Go-Team members should compile a concise summary of the most critical WHM concerns identified during the mission (Day 1-4). These should be the issues that have the highest potential impact on aviation safety. • <u>Observations</u>: 	<p>Host State and Go Team</p> <p>Go Team</p>

Day	Activities	Action By or Participants
	<ul style="list-style-type: none"> • Achievements and opportunities for improvements in the Host State's existing WHM program covering aspects such as documentation, training, monitoring, reporting, and coordination. • Detailed WHM Findings: Provide details of the WHM situation in the host state based on the mission's observations. • Implementation of ICAO SARPs recommended practices of international associations guidance related to WHM. Identify and document any areas where there may be deviations or room for improvement. • <u>Recommendations</u>: <ul style="list-style-type: none"> • Mitigation Measures and enhancements to existing practices: Offer specific recommendations for addressing the identified and emerging WHM concerns. These recommendations should be actionable and tailored to the context of the Host State. These may include suggestions to improve existing regulatory framework, protocols, equipment, or training programs. • Discussions of potential improvements in implementation of ICAO SARPs. • <u>Roadmap</u> <ul style="list-style-type: none"> • Timelines: Develop a timeline for implementing the recommended actions. Specify short-term and long-term goals, indicating when each action should be completed. • Action Items: List the specific tasks or actions required to achieve each recommendation. These action items should be detailed, outlining the steps needed to carry out the recommendations effectively. 	
Day 5	<p>Presentation of initial report with preliminary observations and recommendations, recommended action plan and roadmap to undertake and complete agreed actions.</p> <p>Discussions and comments on initial report</p>	<p>Go Team and Relevant Stakeholders</p> <p>Host State and relevant Stakeholders</p>

4. Follow Up After the Mission

The Go Team should submit a final report on the mission based on the agreed initial report to the Host State with a copy to the Regional Office of ICAO APAC within 6 weeks after the mission.

The Host State should review and provide any comment on the report back to the Go Team via the Regional Office of ICAO APAC within 3 months after receiving the report.

References

- Annex 14 Aerodromes
- Annex 19 Safety Management
- Doc 9981 PANS Aerodrome
- Doc 9137 Part 3 on Wildlife Hazard Management of the Airport Services Manual
- Doc 9332 Manual on the ICAO Bird Strike Information System (IBIS) (new 2024 edition expected)
- WHM Go Team Methodology (Appendix D to [WHM-WG/5 Report](#))
- [ACI Wildlife Hazard Management Handbook](#)
- [ICAO APAC Regional WHM documents \(under the AGA tab\)](#)
- [Survey Questionnaire - State's problems /issues /deficiencies on Wildlife Hazard Management \(Attachment to State Letter T 11/5.9 — AP069/19 \(AGA\)\)](#)
- [WBA guidance documents](#)

Additional References

- Australian Airport Association (AAA) Airport Practice Note 9 - Wildlife Hazard Management at Airports
- Australian Airport Association (AAA) Airport Practice Note 6 - Managing Bird Strike Risk-Species Information
- [Australian Aviation Wildlife Hazard Group \(AAWHG\) Recommended Practice 1.3 Wildlife Risk Assessment and Analysis](#)

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