



ICAO

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Management Working Group (AP-WHM/WG/7)

Pokhara, Nepal, 5 to 9 May 2025

**Agenda Item 3: Global, Regional and National Guidance/Best Practices on
Wildlife Hazard Management**

STATE SAFETY DATA COLLECTION AND PROCESSING SYSTEM (SDCPS)

(Presented by Nepal)

SUMMARY

This paper presents the system being followed by CAA Nepal for the State level safety data collection, processing and State safety performance monitoring and measurement in Nepal. This tool helps collect safety data and information from all aviation entities. The Airline operators, Aerodrome operators and ATS operators can report the safety hazards and occurrences through the provided portals whereas other stakeholders and general public can report via Voluntary Information Reporting System (VIRS). The tool also helps classify the hazards and occurrences in accordance with CAST/ICAO Common Taxonomy Team (CICTT) taxonomies, determine the state High Risks Categories (HRCs) and safety performance monitoring and measurement against the defined State Safety Performance Indicators (SPIs) and Safety Performance Targets (SPTs).

1. INTRODUCTION

1.1 Nepal has recently introduced a tool for safety data collection and processing at the State level which help monitoring the safety performance at the State level at the real time, among other things.

1.2 Nepal has planned to extend the use of this tool for other safety management purposes eg. National Aviation Safety Plan (NASP) Safety Enhancement Initiatives' (SEIs) implementation tracking, Accident and incident investigation recommendation implementation tracking, defining State HRCs, SPIs and SPTs etc.

2. DISCUSSION

2.1 Nepal has developed this software tool to collect the safety data and information from all stakeholders in the real time and process them automatically to generate the valuable outcome.

2.2 This tool has been expected to notify the State the critical safety breaches, if there are any, beforehand of anything unwanted happening.

2.3 The continuous safety performance monitoring and measurement at State level shall help to revise the action plans, reallocate the resources, if needed, in case of not satisfying the targets and amend the set of SPIs if the new safety issues emerge or some of the issues are no longer relevant during the monitoring period.

3. ACTION BY THE MEETING

3.1 The meeting is invited to note the information contained in this paper.

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