



*International Civil Aviation Organization*

**MIDANPIRG/22 & RASG-MID/12 Meeting**

*(Doha, Qatar, 04 – 08 may 2025)*

## **Agenda Item 4.2 : Outcome of ASRG/6 meeting.**

### Occurrence reporting system and investigation incidents

**(Presented by IRAQ/G.C.A.N. S)**

#### **SUMMARY**

This working paper focuses on occurrence reporting in air traffic control (ATC) and its role in enhancing aviation safety, The paper examines international occurrence reporting frameworks, including ICAO and EASA guidelines, emphasizing ATC's role in reporting and investigating safety incidents. Challenges such as human factors, reluctance to report, data accuracy issues, and legal barriers are discussed, along with strategies for improvement. Action by the meeting is at paragraph 3.

#### **REFERENCES**

- ICAO's reporting standards.

## **1. INTRODUCTION**

- 1.1 Define occurrence reporting .
- 1.2 Explain its significance in identifying risks and improving safety.
- 1.3 Briefly outline the objectives of our work.

## **2. DISCUSSION**

- 1) Discuss existing frameworks, such as ICAO's reporting standards and EASA's occurrence reporting guidelines.
- 2) Highlight the role of ATC in reporting and investigating incidents.

- 3) Human factors and reluctance to report incidents.
- 4) Systemic issues, including data accuracy and accessibility.
- 5) Legal and procedural barriers affecting transparency.
- 6) Strategies for Improving Safety Through Reporting.
- 7) Implementing a Just Culture to encourage reporting without fear of punishment.
- 8) Enhancing data analytics to identify trends and mitigate risks.
- 9) Strengthening collaboration between ATC units and aviation authorities
- 10) Improving training programs to ensure controllers understand reporting protocols.
- 11) Examples of successful occurrence reporting systems in different regions.
- 12) Lessons learned from past incidents and how reporting led to safety improvements.
- 13) Propose actionable steps for improving occurrence reporting in ATC and Summarize key findings.

### **3. ACTION BY THE MEETING**

#### **3.1 The meeting is invited to:**

- a. Review and discuss the contents of this Working Paper.
- b. Discuss any other actions required.
- c. Note the efforts made by the republic of Iraq to ensure the Aviation Safety.
- d. Other states are invited to show similar cases actions and share experience.

**-END-**