



**International Civil Aviation Organization**

CAR/SAM Regional Planning and Implementation Group (GREPECAS)

**Fourteenth Meeting of the CAR/SAM Regional Planning and Implementation Group (GREPECAS/14)**

(San Jose, Costa Rica, April 16 to 20, 2007)

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**Agenda Item 4.2: Evaluation of Air Navigation Planning and Implementation Deficiencies/ Problems in the CAR/SAM regions**

Specific Air Navigation Planning and Implementation Deficiencies/ Problems in the CAR/SAM regions

**ADVANCES IN THE IMPLEMENTATION OF THE OPERATIONAL SAFETY MANAGEMENT SYSTEM IN THE AIR TRAFFIC SERVICES PROVIDE BY COCESNA**

(Presented by COCESNA)

**SUMMARY**

This information paper presents the advances achieved by COCESNA in the implementation of the Operational Safety Management System, SMS.

COCESNA is implementing an operational safety system; to achieve an acceptable level of safety in the air traffic services according to the ICAO requirements established in document 9859 Operational Safety Management Manual, SMM.

The implementation of this system will contribute to the regional planning and to solve the deficiencies in these services.

**1. Introduction**

The Operational Safety Management System (SMS), which is being implemented in COCESNA, is harmonized with the four components of ICAO SMS structure, according to the corresponding SARPs.

**2. Components of the Operational Safety System:**

- a) Safety Policy and objectives;
- b) Safety Risk Management;
- c) Safety Assurance and
- d) Safety Promotion.

### **3. Implementation of the Operational Safety System (SMS)**

- 3.1 COCESNA considers essential the operational safety in its activities; for which actions are being done to accomplish the Operational Safety Management System (SMS) implementation, according to Doc. 9859, ICAO Operational Safety Management Manual (SMM).
- 3.2 For this reason, COCESNA had adopted Amendment 44 that introduces new reviewed standards to Annexes 6, 11 and 14 of ICAO, as well as orientation text about operational safety, to harmonize the operational safety management requirements.
- 3.3 Concerning the Operational safety Management System, COCESNA had done the following:
- a) Identify the ICAO requirements with respect to SMS;
  - b) Define the elements, processes and procedures of the SMS, related with these requirements; and
  - c) Define the interrelationship of these processes and procedures.
- 3.4 At the moment of presenting this Information paper, COCESNA has achieved advances in the SMS implementation, in the following processes:
- a) Management Audits;
  - b) Management assurance;
  - c) Communication and Awareness;
  - d) High Direction Revision and Management Control;
  - e) Operational Control;
  - f) Evaluation and Risk Control;
  - g) Accidents, Incidents and dangers (threats) report related with ATS;
  - h) Emergency Preparation and response; and
  - i) Accidents, Incidents and dangers (threats) Investigation related with the ATS.
- 3.5 For the planning, implementation, administration and operation of the operational safety Management System, in accordance to ICAO requirements, COCESNA had defined the following:
- a) High Direction responsibility and commitment;
  - b) SMS Coordinator Responsibility;
  - c) SMS personnel designation;
  - d) SMS Implementation Plan;
  - e) Safety policy and objectives;
  - f) Operational Safety Management System Manual (SMM); and
  - g) COCESNA SMS content.
- 3.6 According to the information received from ICAO the system implementation will require an approximate of four years, so considering the advances accomplished until the present date, COCESNA considers to finish the SMS System implementation by December 2008.

**4. System Integration**

4.1 In the SMS implementation process, COCESNA had considered integrate the SMS together with the following management systems:

- a) Quality Management System (QMS);
- b) Environment Management System (EMS);
- c) Occupational Human Safety Management System (OHSMS); and
- d) Airport Security Management System.

**5. Suggested Action:**

5.1 The Meeting is invite to take note of the information provided.

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