



Agenda Item 4: RASG-PA Implementation Status and Perspectives on SMS/SSP's

**SAFETY QUALITY MANAGEMENT SYSTEM
ATM Procedures Group**

(Presented by Colombia)

SUMMARY

This newsletter presents an overview of the process of implementation of the Quality Management System for Operational Safety (SQMS) of the ATM Procedures Group responsible for the Colombian aeronautical charting

1. Introduction

1.1 The process of implementation of the Quality Management System for Operational Safety (SQMS) in the ATM Group Procedures, started from the launch of NTC GP 1000 in 2008.

1.2 The structure of the system is based on standards that ensure the provision of services resulting from the interaction of the processes defined within the same, taking into account a clear philosophy on the permanent search for excellence in all activities and functions that are part of the quality system.

1.3 The SQMS is a systemic approach, understood as a form of approximation and representation of reality while a shift towards practical ways of stimulating interdisciplinary work for quality management in the operational safety including organic structure, lines of responsibility and the necessary policies and procedures.

1.4 The former, based on the norms of Annexes 1, 6, 8, 11, 13 and 14, additional in the Q, component, in the NTC GP 1000 Standard of Colombia.

1.5 The Production of aeronautical charting must be defined from the organized fundamental and thematic data based on international ISO standards, and development and administration of common Geographic Databases, ensuring a previous safety operational evaluation.

2. Development

2.1 The SMS is focused on security, the human and organizational aspects: *customer satisfaction* and QMS is focused on the products and / or services of an organization: *customer satisfaction*.

2.2 The integration of these two systems, brings benefits such as reduction of duplication of systems and costs, reduces risks, balances potential conflicts of objectives, and eliminates potential conflicts of responsibilities, among others.

2.3 The SQMS, "*Operational safety with quality support*":

- > The SMS component is based on principles of security risk management and results in the design and implementation of organizational processes and procedures for identifying hazards and controlling / mitigating security risks in an aviation operation.
- > QMS component is based on principles of quality and provides a structured approach to control these processes and procedures for hazard identification and control / mitigation of safety risks in aviation operations to function as intended and when not met, enhance them.

3. Conclusions

3.1 Applying the principles of quality and focusing the system on continuous improvement, builds an organizational culture that fosters safe practices, encourages safety communications effectively and actively manages safety.

3.2 Despite the SQMS is not implemented in the ICAO concept, the ATM Procedures Group integrated it in order to improve Aviation Publications.

3.3 The Meeting is invited to take note of the information presented in this information paper.

"What is done in a hurry never is done well: let this serve as a warning to always act with calm and tranquility."

San Francisco de Sales