

“A great circle is the shortest distance between any two points on earth.”

IS-BAO

A Pragmatic Approach for Safety Management Systems Development

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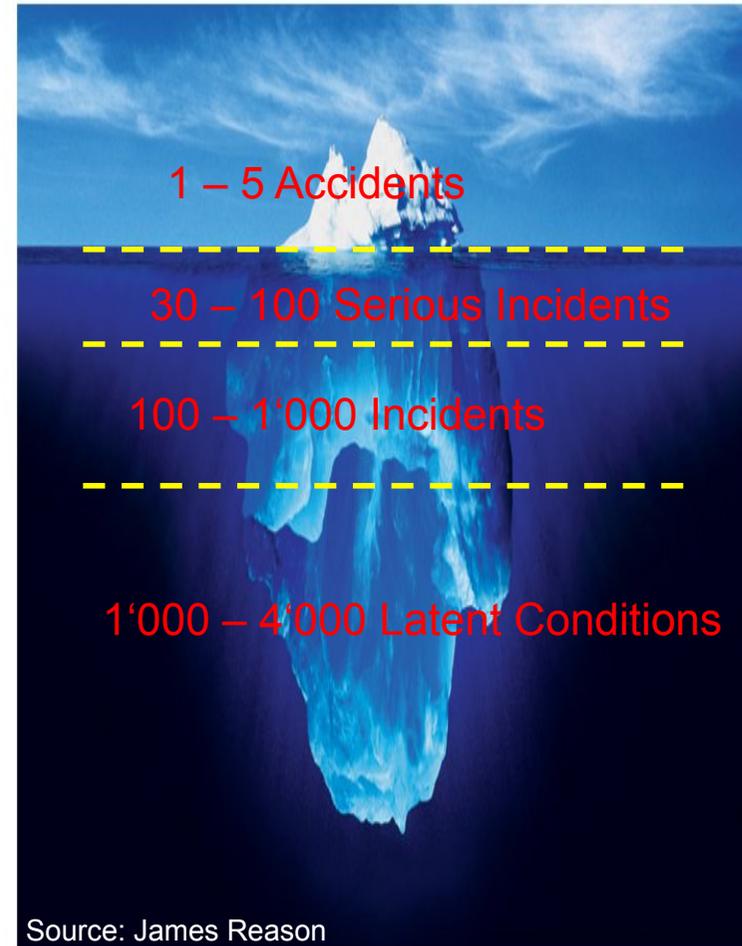
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Table of Contents

- What is SMS?
- Why do you need a SMS?
- How to implement a SMS
- How IS-BAO works
- IS-BAO SMS maturity
- SMS toolkit
- Effectiveness of IS-BAO

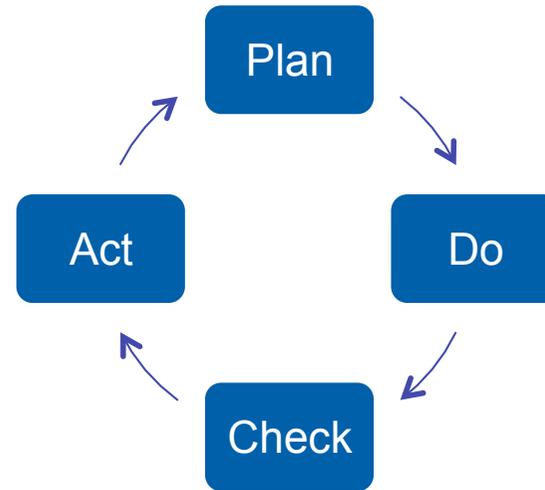
What is SMS?

- A Safety Management System is an integrated system designed to focus an organization on managing risks.



What is SMS?

- A SMS is designed to achieve improvements in safety performance through organizational learning.



- In order to work efficiently a SMS requires organizations to develop a safety culture.
- SMS implementation is a gradual process of profound organizational change with several stages of maturity.

Why do you need a SMS?

- Organizational development (culture, internal audit)
- Tool for managing change (size, mission)
- Know & manage specific safety risks
- Regulatory compliance (AMC)

How to implement a SMS

IS-BAO allows a business aircraft operator of any size to implement a fully ICAO compliant SMS.

IS-BAO is:

- A global standard for operating aircraft (A&H)
- Based on ISO 9000 standards & ICAO SARPs
- Managed by IBAC (launched 2002)
- For commercial and non-commercial operators
- Scalable to size of operation (1 aircraft or more)

How IS-BAO works

- Voluntary registration
- Implementation of standards incl. SMS
- Independent, recurrent audit every 2 years
- Audit reports reviewed by IBAC
- Regular review of IS-BAO by Standards Board based on operator and auditor feedback
- SMS development in maturity stages (I/II/III)

IS-BAO SMS maturity

Stage I	SMS documented & everybody trained
Stage II	SMS functioning & results being measured
Stage III	SMS fully implemented

SMS toolkit

- **Safety Policy and Objectives**
 - Management commitment & responsibility
 - Safety accountabilities
 - Appointment of key safety personnel
 - Coordination of emergency response planning
 - SMS documentation
- **Safety Risk Management**
 - Hazard identification
 - Safety risk assessment and mitigation

SMS toolkit

- Safety Assurance
 - Safety performance monitoring and measurement
 - Management of change
 - Continuous improvement of the SMS
- Safety Promotion
 - Training and education
 - Safety communication

Effectiveness of IS-BAO

- Standardization of procedures / documented operation
- Structured analysis of investment decisions
- Change management
- Raising awareness / safety culture
- Teambuilding facilitation

Further information



IBAC / IS-BAO

www.ibac.org/is-bao



GCS Safety Solutions

www.gcs-safety.com



Thank You!