



Safety Management Systems

Aviation is an activity that faces numerous risks on a daily basis. International Civil Aviation Organization (ICAO) and the FAA agreed that Safety Management Systems (SMS) will be an effective method for improving safety in the face of rapid growth and increasing technical complexity. SMS is a platform to identify what needs to be changed so that potential accidents can be avoided in the future. SMS will be mandated soon in the United States and will take time to implement.

The FAA defines Safety Management System (SMS) as “a quality management approach to controlling risk. It also provides the organizational framework to support a sound safety culture.”

SMS methodology depends on the size and complexity of the company which may include the type of equipment being operated, the geographical areas of operation and personnel composition. An SMS should be specific to your organization. Training and promotion is essential for a successful SMS. Employees, as well as company management, must buy into the program which means understanding concepts, the benefits, and implementation. ATC VANTAGE will assist your organization in understanding and implementing SMS.

ATC VANTAGE offers training in SMS principals, hazard identification, risk analysis and the development of a Safety Management Manual. ATC Vantage offers various levels of SMS assistance based upon your organization’s needs.

Our comprehensive SMS training program was developed by the MITRE CAASD (Center for Advanced Aviation Systems Development) in conjunction with the FAA. MITRE was founded as a non-profit corporation to provide engineering and technical services to the federal government. The course is based upon ICAO publications and FAA Advisory Circular SMS Standards. Students from over 51 countries have chosen the MITRE SMS course becoming an international standard!

ATC VANTAGE INC.

*SMS Training, Facilitation, Consulting,
SMS Models, Internal Evaluations,
External Audits, Safety Evaluations,
ATC Subject Matter Expert, ATC Staffing,
Accident Investigations, Litigations*

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Why Implement SMS Now?

- Saving Lives!
- ICAO compliance
- FAA regulatory mandate is approaching
- Business Survival: business bottom-line savings
- The safest organizations are often the most efficient
- Establishing a marketable safety record; safety is good for business
- Economic viability requires public confidence; few organizations can survive the economic consequences of a major accident
- Improved safety of operation - a systematic approach will reduce losses
- Potential insurance rate reductions & insurance does not cover all the risks/costs. Organizations need to recognize the hidden costs of accidents
 - Indirect Costs: Insurance deductibles, loss of business, loss of use of equipment, loss of staff, investigation, cleanup, legal claims and fines
 - Direct Costs: Repairing physical damage to equipment, property & people
- Improved employee output, working conditions & morale

SAFETY MANAGEMENT SYSTEMS

Business Benefits of Implementing SMS

- *Air Transat . . . Initially saving over \$1 million per month*
- *Skyservice . . . Saved \$5 million in first year of SMS ops.*
- *Qantas Airlines . . . 50% reduction in lost work days, and \$500 million in projected cost savings over 5 years*
- *Conair . . . Occupational Health & Safety Costs: decreased by 60%; saved approximately \$1,000 per employee each year; \$140,000 overall annual savings; and insurance premiums have remained consistent while competitor rates increased.*
- *Moncton Flight College . . . Savings of \$25K per year; 22% decrease in insurance premiums; and a reduction of regulatory audit findings from 2-3 per audit to .5 over the last five years*

SMS Training & Workshops:

- ◆ **Training Schedule:**
www.atcvantage.com/training
- ◆ **Schedule training at your facility at the**

ATC Vantage Inc. is licensed to use the MITRE developed SMS Course