

INTRODUCTION to AVIATION SAFETY MANAGEMENT SYSTEM (SMS)

Within our aviation maintenance industry, we have learned many useful individual techniques for increasing safe practices by studying human factors, maintenance resource management, and other industry and safety related courses. However, to achieve the next level of increased safety, we must now learn to develop a system for implementing our previous knowledge.

The objective of this course is to raise awareness and to familiarize students with the benefits of aviation Safety Management System (SMS). SMS will provide the aviation manager, chief pilot, chief of maintenance, chief inspectors, quality managers, line supervisors, and others within the corporate aircraft flight department or the maintenance repair station environment with guidance material for establishing and maintaining an effective safety management system within its organizational environment. It will provide the basic organizational framework for implementing and maintaining a safety culture.

The establishment of a safety management system has been proven to be the single most significant event to make aviation both safer and more profitable to those that have adapted SMS into their business practices.



Day 1: (8 hours)

- Course Introduction
- Introduction to Safety Management System
- Introduction to Aviation Safety
- What is a Safety Management System?
- What are "SMS" Fundamentals?
- What is a "Safety Culture" in Aviation?
- Video Case discussion: "Blue Angels"
- The Importance of a "Safety Mission" Statement
- Roles and Responsibilities

Day 2: (8 hours)

- Human Factors and Error Prevention
- What is Operational Risk Management?
- Data Collection and Reporting Method Systems
- Case Study: Historical Review of an Accident
- Establishing a Safety Management System
- Conclusion

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