

SSM 120: Safety Management Best Practices

Course Description

A Safety Management System (SMS) is a proactive management strategy intended to grow organizational safety well above regulatory minimums by treating it as a core business activity. However, SMS is more than just a tool to manage safety; a properly designed and implemented SMS may provide organizations benefits beyond improved safety performance. This course discusses the fundamental concepts of SMS and provides insight on how organizations can leverage SMS to support four core business strategies and thus improve operational performance. The strategies include continuous improvement, knowledge management, lean manufacturing, and developing a learning organization. The course also discusses scalability concepts and strategies for implementing SMS across organizations of varying size and complexity.

Objectives

To provide the individual with the skills and practical methods to plan, manage and maintain an effective Safety Management System that also provides business benefits beyond safety.

Who Should Attend

Individuals responsible for planning, directing, and managing safety or operational activities. This includes airline, commuter, corporate, fixed base operator, government, insurance, and airport management. Individuals from a variety of aviation related professions will benefit from this course including; airline managers, pilots, and aircraft mechanics; airport managers and fixed base operators; air traffic controllers and technical operations specialists; as well as individuals from other high consequence industries such as transportation, manufacturing, and health care who are interested in improving safety.

Course Outline

Background and Purpose of SMS

Safety Culture: Enabler of SMS

Using SMS to Empower Employees

SMS Concepts and Implementation Strategies

- Safety Policy and Objectives
- Management Commitment
- Safety Accountability
- Appointment of Key Safety Personnel
- Coordination of Emergency Response Planning
- SMS Documentation
- Safety Risk Management
- Hazard Identification
- Risk Assessment and Mitigation
- Safety Assurance

- Safety Performance Monitoring and Measurement
- Management of Change
- Safety Promotion
- Safety Training and Education
- Safety Communication

Moving the Organization from Reactive to Proactive

SMS Business Strategies

- Knowledge Management
- Continuous Improvement
- Learning Organization
- Lean Principles