
Safety & Management

A Business Multiplier

Safety

Safety is generally perceived as an impediment to accomplishing certain business objectives and that accidents, or incidents, are just a built-in “*cost of doing business*”. In addition, many quietly harbor the belief that safety considerations are separate distinct activities opposite to those of the business.

Experience

However, U.S. Government experience in liability litigation resulting from accidents has dramatically changed management’s outlook and actions in making “*high risk*” decisions. The key is to integrate safety into the operational business environment so that it supports and relates directly to business objectives.

Safety & Management Integrated

To achieve this, the concepts of *Safety* and *Management* have been blended to form an effective *Systems Management* approach. This new approach requires an understanding of accident investigation concepts in relation to management’s role. Management’s role has shifted to include a *Risk Assessment* in the decision making process in order to mitigate exposure to an accident and/or defend decisions to limit liability.

Root Cause & Corrective Action

The objectives of this eight hour seminar are first to familiarize decision makers with an analysis model *guaranteed to reduce any accident or incident to its least common denominators*. Here, methodology and techniques for accident investigation procedures will be applied to headline news disasters as well as mishap experiences of the audience.

During the latter portion of the seminar, attendees will drive the accident investigation process in reverse thus precipitating the “*Systems Management Model*”. A system will be analyzed in various scenarios in order to practice exposing its defects in design or operation. In addition, the subtle distinctions between recklessness and taking prudent risks will become more readily apparent.

Benefits

The benefits to providers of air transportation products or services, or any business endeavor where these principles have been applied are:

- ✓ *Injury Prevention*
- ✓ *Damage Control*
- ✓ *Mission Protection*
- ✓ *Liability Limitation*
- ✓ *Statutory and Regulatory Compliance*
- ✓ *System Continuous Process Improvement*

Moreover, you will learn how to diagnose technical or business problems and aim resources effectively at the root cause of those problems. In other words, you will learn how to treat the disease and not the symptoms.

Seminar Content

- INTRODUCTION
 - ~ Accident Trends
 - ~ Liability Experience
- ACCIDENT CAUSATION MODEL
 - ~ Analysis of Results
 - ~ Mishap
 - ~ Operating Errors
 - ~ System Defects
 - ~ System Purpose
- ACCIDENT INVESTIGATION
 - ~ Findings
 - ~ Accident Causation Factors
 - ~ Survivability
- SYSTEMS MANAGEMENT MODEL
 - ~ Systems Organization
 - ~ Management Decisions
 - ~ Management Elements
 - ~ Risk Assessment
- QUESTIONS AND ANSWERS

Safety Consultation Services

System Safety Analysis techniques are tailored to your air transportation business products or services.

- ✓ Accident/Incident Reviews
- ✓ Cockpit Voice Recorder (CVR) Analysis
- ✓ Digital Flight Data Recorder (DFDR) Analysis
- ✓ Flight Operations Quality Assurance (FOQA)
- ✓ Aircraft & Engine Performance Analysis
- ✓ Inclement Weather (Icing) Flight Analysis (Bae146/ALF502 "Rollback")
- ✓ Continuous Process Improvement (CPI)
- ✓ Integrated Product Design & Support (IPDS)
- ✓ Flight Mission Profile
- ✓ Human Factors
- ✓ Safety Program Audits
- ✓ Root Cause & Corrective Action (RCCA) Analysis
- ✓ Risk Assessment & Analysis
- ✓ Applied System Safety Analysis Techniques
- ✓ Hazard Analysis
- ✓ Failure Modes Effect Analysis (FMEA)
- ✓ Reliability Centered Maintenance (RCM) MSG-3 Analysis

Computers & Site Synchronization

Computer systems are IMB-PC Pentium processor, Microsoft Windows XP operating system and Microsoft Office Pro 2003 software suite. Capable of appropriate site synchronization for information and data exchange.

Who are we?

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