SMS Practice and Safety Occurrence Investigation

20 training hours | 5 modules | approx. 3 days | Live online or on-site, in English or Chinese

Practice-oriented SMS training for small operators and service providers - from framework to investigation to reporting culture.

Instructor: HAN Aviation Safety Consulting

Module 1: SMS Framework & Regulatory Requirements (4 hours)

- The four components of an ICAO-aligned Safety Management System
- National SMS requirements for civil aviation operators
- The FAA's 2024 SMS final rule -- what it demands and how it compares
- Implementation challenges for small operators and service agencies

Module 2: Safety Risk Management in Practice (4 hours)

- Hazard identification: reactive, proactive, and predictive methods
- Risk assessment matrices and practical risk controls
- Setting safety performance indicators (SPIs) and targets (SPTs)

Module 3: Safety Occurrence Investigation Methods (6 hours)

- Organizing an investigation: process, roles, and evidence handling
- Root cause analysis tools -- fishbone diagrams, 5 Whys, human-factors analysis
- Case studies drawn from cargo and ground-operations scenarios
- Writing investigation reports that drive corrective action

Module 4: Voluntary Reporting Systems & Reporting Culture (4 hours)

- Non-punitive reporting principles and where protection ends
- Designing a reporting channel people will actually use
- Analyzing report data and closing the loop with reporters

Module 5: Case Exercises & Assessment (2 hours)

- Group case exercises applying modules 1-4
- Q&A and knowledge assessment

Contact

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