SAFETY MANAGEMENT SYSTEM (SMS)

Guideline for subcontractors of Goodrich Lighting Systems GmbH & Co. KG and airsigna GmbH & Co. KG
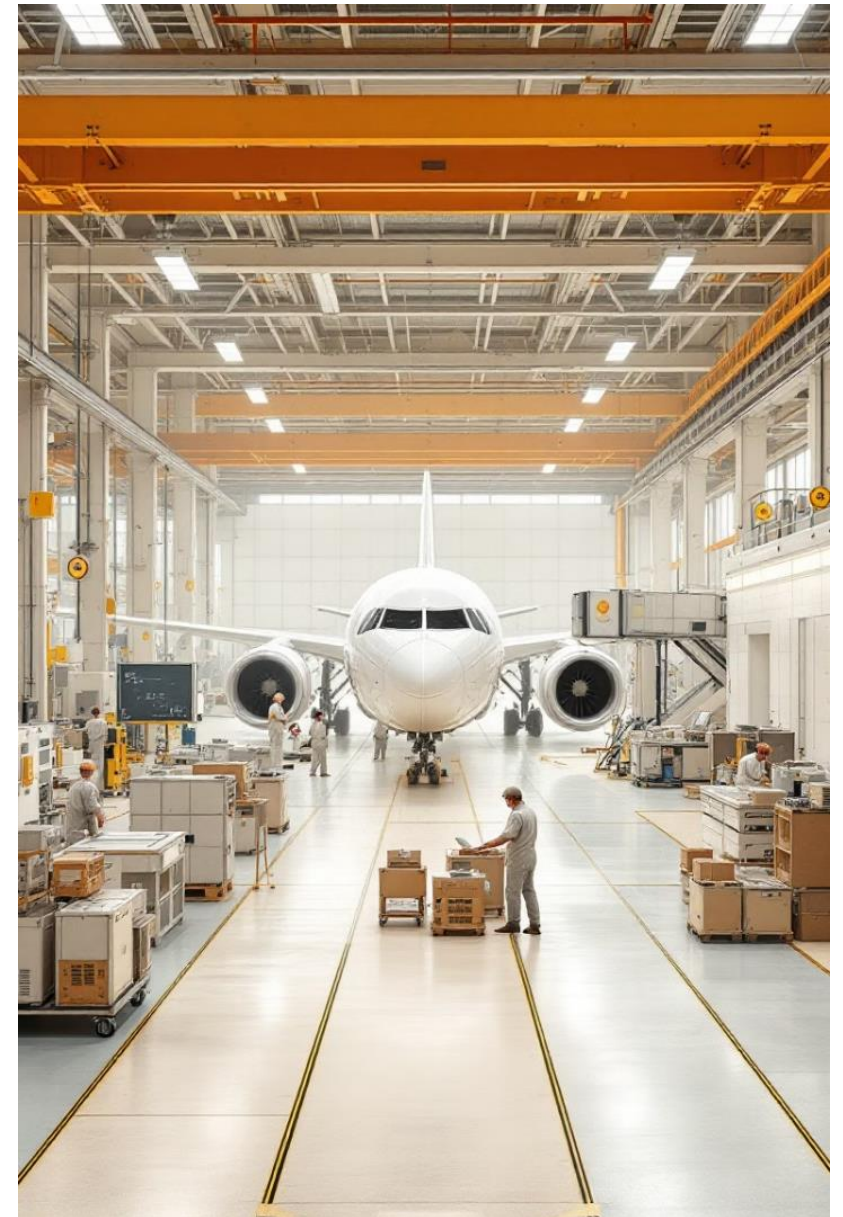
2025

INTRODUCTION

This presentation introduces the topic of the Safety Management System (SMS). The following contents will be covered:

- Introduction to SMS
- Human Factor
- Just Culture
- Reporting System
- Contents and Requirements
- Training Opportunities and further Information

These topics are of central importance for the collaboration between us as a manufacturing company under Part 21G and you as a supplier.

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SAFETY MANAGEMENT SYSTEM (SMS)

Proactive Safety Management

SMS aims to identify, assess and mitigate safety risks.

Legal Requirements

ICAO Annex 19, EU-Regulation 2022/201, 2022/203, 376/2024, 2021/1963 and EASA Part 21G are describing SMS.

The Safety Management Systems applies to Human Factor, Just Culture, Occurrence Reporting and Risk Management

HUMAN FACTOR

■ **Physical Factors**

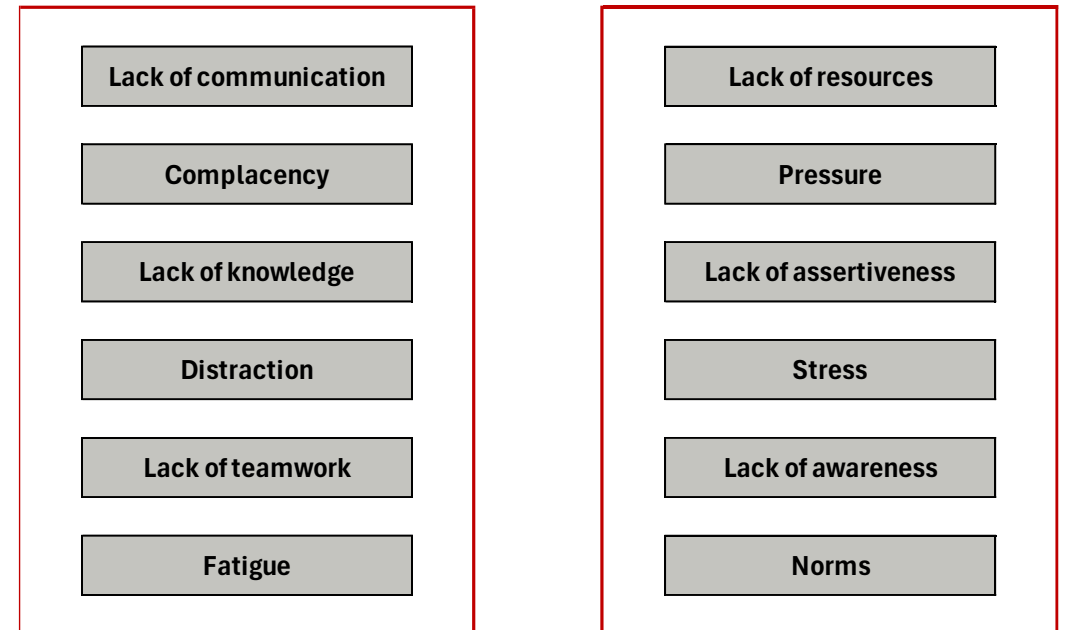Fatigue, work environment and ergonomics affect performance.

■ **Social and Organizational Factors**

Teamwork, communication and leadership are critical for safety

■ **Cognitive Factors**

Attention, decision-making and memory play a vital role.

The Dirty Dozen

Lack of communication	Lack of resources
Complacency	Pressure
Lack of knowledge	Lack of assertiveness
Distraction	Stress
Lack of teamwork	Lack of awareness
Fatigue	Norms

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JUST CULTURE

■ Fairness and Transparency

Clear rules and procedures ensure that all employees are treated equally.

■ Occurrence Reporting

Employees must not face reprisals for reporting errors or incidents.

■ Learning Orientation

The focus is on learning from mistakes, not on finding blame.

■ Limits of Just Culture

Deliberate or grossly negligent behavior is not protected.

REPORTING SYSTEM

■ **Reporting Obligations**

EU Regulation 376/2014 requires the reporting of safety-relevant events.

■ **Effective Reporting System**

Simple reporting options, data protection and consistent analysis are key factors.

■ **Reporting Methods**

- Anonymous reporting of safety risks directly to us: Produktsicherheit_LIP0@collins.com
- Notification of Potential Escape - COL-ASQR-FRM-0006
- Reporting of Changes (Process - COL-ASQR-FRM-0002) & (Worktransfer – ASQR-01 Form 4)
- For further details, refer to SharePoint (Home → Interiors → Lighting Systems) for COL-ASQR-PRO-0003 requirements.

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CONTENS AND REQUIREMENTS

1

Introduction to SMS

Overview of EASA Part 21G requirements and fundamentals.

2

Human Factors (HF)

Typical error sources and case studies.

3

Just Culture (JC)

Principles and practical exercises for reporting incidents.

4

Reporting System and Procedures

Establishing a non-punitive reporting system.

5

Monitoring and Improvement

Safety metrics and analytical methods.

- Implementation of HF and JC Policies

- Participation in training sessions and safety meetings

- Use of a shared reporting system

- Documentation and analysis of reports

- Audit results and action protocols

- Risk Management

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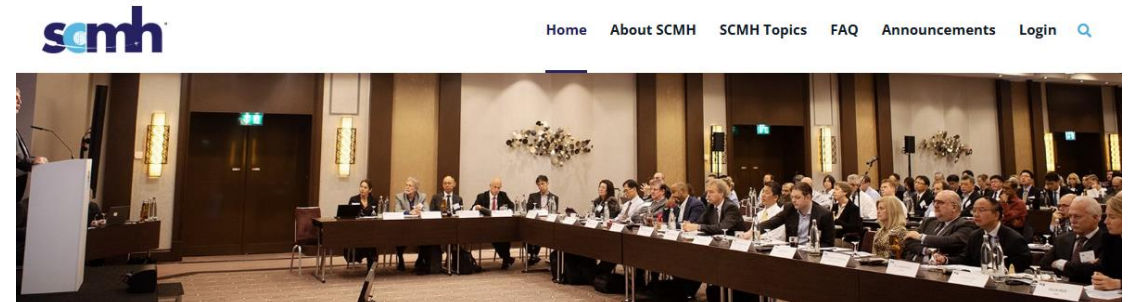# TRAINING OPPORTUNITIES AND FURTHER INFORMATION

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THANK YOU FOR YOUR COOPERATION!