

AIRBUS

Safety Management Systems

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Airbus

EASA Certification Conference 07 December 2022

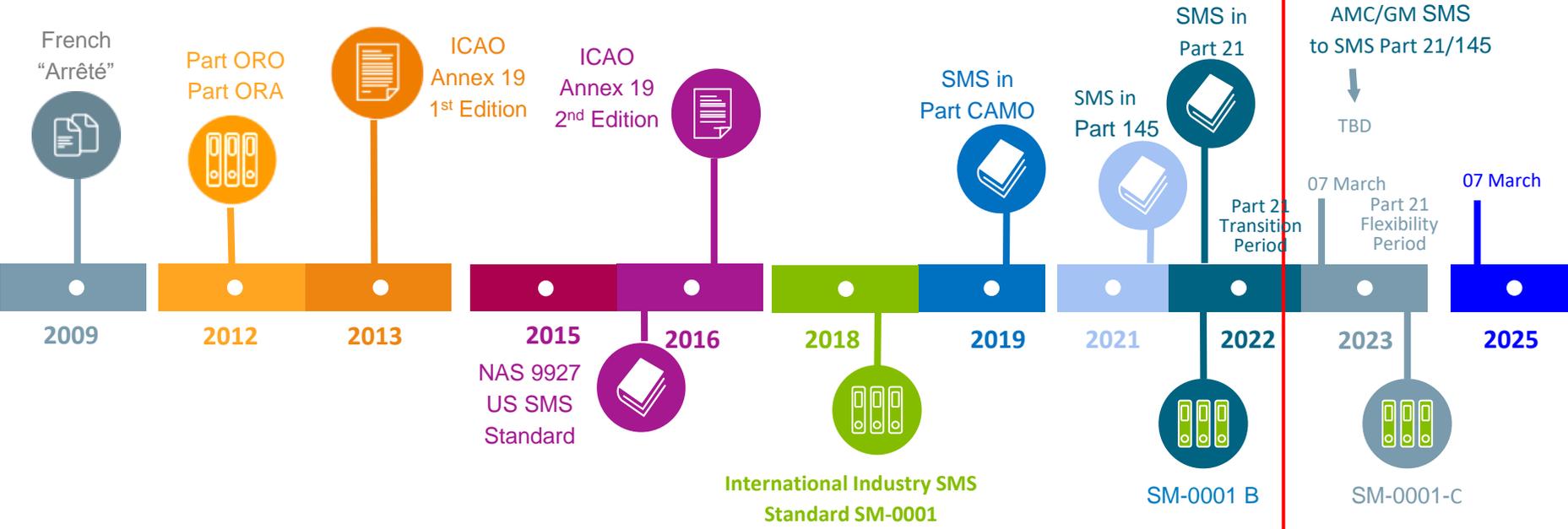
Your safety is our mission.

Working with EASA - Safety Management Systems

- SMS Regulations & Standards
- SM-001 Standards Recognition
- EASA SMS Pilot project - ASD Industry facilitation group
 - Membership
 - Terms of reference
 - First outcomes / Challenges
- SMS implementation in Airbus

Working with EASA - Safety Management Systems

SMS regulation



SMS Standards



SM-0001 RECOGNITION BY EASA



SM-0001 issue B formally acknowledged by EASA as a means of compliance with the requirements for safety management in design and production organisations:

AMC1 21.A.239(c) Design management system (to be published)

SAFETY MANAGEMENT ELEMENT

Demonstration of compliance with the SMS Industry Standard “Implementing a safety Management System in Design, Manufacturing and Maintenance”; SM0001 at issue B dated March 31st, 2022 is an acceptable means to demonstrate compliance with the safety management element of the design management system.

Aerospace, Security
and Defence Industries
Association of Europe

EASA SMS/ISMS Pilot Projects - Industry facilitation group

Date 07 12 2022
EASA certification Conference



Industry facilitation group - members

- TCH for large aeroplanes: Airbus SAS (France) (**SMS & ISMS**)
- *TCH for Business Jet - Dassault (France)*
- TCH for large helicopters: Leonardo (Italy) (**only SMS**) and Airbus Helicopters (France) (**only ISMS**)
- TCH for Engines: Rolls-Royce Deutschland (Germany) (**SMS & ISMS**)
- TCH for General Aviation aeroplanes:
 - Pilatus Aircraft (Switzerland) (**SMS & ISMS**)
 - Diamond Aircraft (Austria) (**SMS & ISMS**)
- TCH for small rotorcraft: Volocopter (Germany) (**SMS & ISMS**)
- TCH for propeller: MT-Propeller (Germany) (**only SMS**)
- Large DOA (no TCH) with DO-PO-MO interface: Lufthansa Technik (Germany) (**SMS & ISMS**)
- Changes and repairs:
 - Diehl Aviation (Germany) (**SMS & ISMS**)
 - APTOZ (Iceland) (**SMS & ISMS**)

Terms of Reference

Membership:

ASD members & non ASD members

Objective

Exchange of experiences on SMS implementation and their discussions with the corresponding EASA DOA
Team leaders, as well as sharing lessons learned
Stay connected with ISMS pilot project

Deliverables

Sanitized synthesis shared with EASA at regular opportunities or during “Pilot Project Plenary Meetings” /
EASA certification Conference
Proposal for adapted Rules (AMC/GM)/flexibility expected for small & large organization
Possible credit taken from existing systems in place (existing SMS systems, DOA, Flight test..)
Difference between OEM SMS and Operators SMS

Code of conduct

All elements shared by the participants are made under Non Disclosure Agreement.
By participation to this group, All members agree to this NDA

EASA SMS/ISMS Pilot Projects

- Industry facilitation group - first outcomes

- 100 % of Industry members will use what is deployed already
- 85 % have Corporate Safety Management System
- 60 % have started discussion with their DOA Team Leader

Challenges

- Readiness of EASA Policy/Guidance for SMS assessment
- Short timing for capitalisation/Return of Experience
- Secure common expectations when facing different Aviation Authorities oversight on Approved Organisations (including multiple Approval Holders)
- Integration of various Management Systems and associated oversight
- Needs beyond Continued Airworthiness, DOA and Flight Test
- Cascade to suppliers

SMS implementation in AIRBUS

Airbus Purpose

“ We pioneer sustainable aerospace for a safe and united world ”

Airbus Safety Vision

“ We constantly strive to enhance safety together in our quest to reach zero accidents ”

SMS implementation in AIRBUS

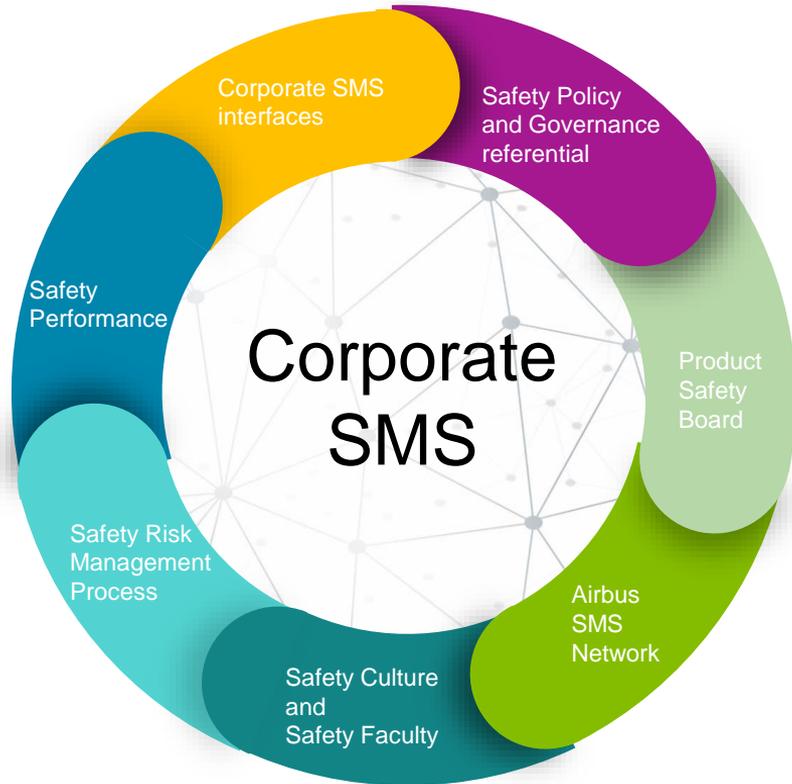


#Safetyfirst

in everything we do



SMS implementation in AIRBUS



- SMS in DOA not a DOA significant change
- SM-0001 issue B used as Means of Compliance
- For initial assessment, targeting Maturity Level 3 per SM-0001 Appendix 2 - SMS Maturity Assessment Method

Thank you for your attention

easa.europa.eu/connect



Your safety is our mission.

An Agency of the European Union 