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European Cockpit Association

A Breath of Fresh Air – ECA's view on Cabin Air Quality

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European Cockpit Association (ECA)



- Created in **1991**
- **Representative body** of European pilots at EU level
- **40.000+** pilots
- National pilot associations in **33 EU states**



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Position on Cabin Air Quality

Cabin air contamination is a **known problem** that can cause **serious short- and long-term health effects** which may compromise flight safety.



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ANNEX III (PART-ORO)

SUBPART GEN: GENERAL REQUIREMENTS

SECTION 2 – MANAGEMENT

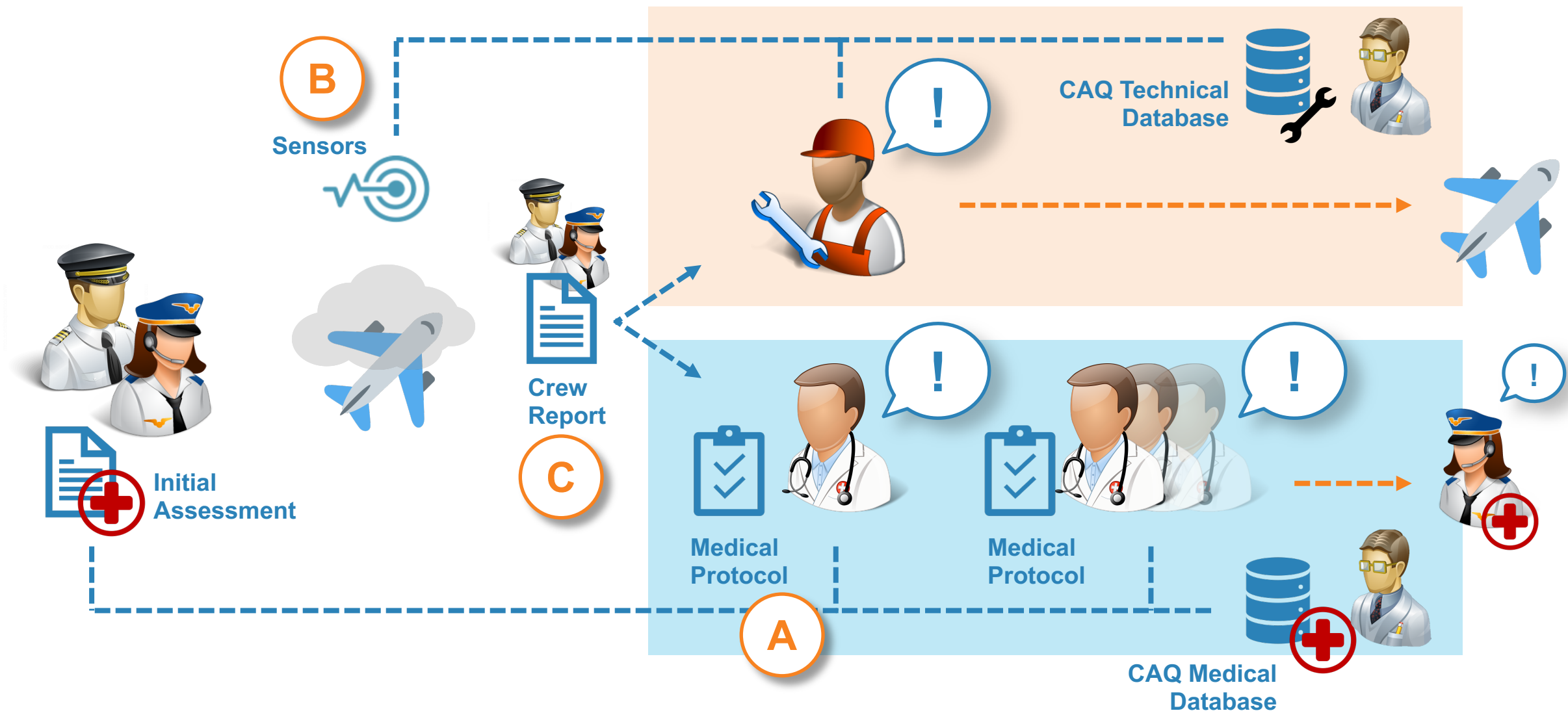
ORO.GEN.200 Management system

COMMISSION REGULATION (EU) No 965/2012 of 5 October 2012
"laying down technical requirements and administrative procedures related to air operations"
<https://eur-lex.europa.eu/legal-content/EN/TXT/PDF%20uri=CELEX:02012R0965-20160825> (page 57)

- (a) The operator shall establish, implement and maintain a management system that includes:
- (1) clearly defined lines of responsibility and accountability throughout the operator, including a direct safety accountability of the accountable manager;
 - (2) a description of the overall philosophies and principles of the operator with regard to safety, referred to as the safety policy;
 - (3) the identification of aviation safety hazards entailed by the activities of the operator, their evaluation and the management of associated risks, including taking actions to mitigate the risk and verify their effectiveness;**
 - (4) maintaining personnel trained and competent to perform their tasks;**
 - (5) documentation of all management system key processes, including a process for making personnel aware of their responsibilities and the procedure for amending this documentation;
 - (6) a function to monitor compliance of the operator with the relevant requirements. Compliance monitoring shall include a feedback system of findings to the accountable manager to ensure effective implementation of corrective actions as necessary; and
 - (7) any additional requirements that are prescribed in the relevant Subparts of this Annex or other applicable Annexes.
- (b) The management system shall correspond to the size of the operator and the nature and complexity of its activities, taking into account the hazards and associated risks inherent in these activities

Currently...





Position on Cabin Air Quality



A Need for a clear **standardised medical protocol**

B **Need for action** by operators & manufacturers based on the current knowledge and technology (sensors, filters, oil components, etc)

C Need for **regulatory follow-up on training, awareness and reporting**

Long-term = Bleed-free aircraft design



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