

COS Framework

持续运行安全框架

Presented to:

呈报:

By:

编制:

Airline Operations Safety Symposium

航空运行安全研讨会

Earl Lawrence

Executive Director, FAA Aircraft Certification

美国联邦航空管理局适航审定服务部门执行总监

Date:

日期:

6-7 November 2019

2019年11月6-7日



**Federal Aviation
Administration**



Continued Operational Safety

持续运行安全

- **The set of processes that manage risk to acceptable levels of an aircraft, engine, propeller or part such that it remains in a condition for safe operation**
将飞机、发动机、螺旋桨或零部件的风险控制在可接受水平，使其处于安全运行状态的一系列过程



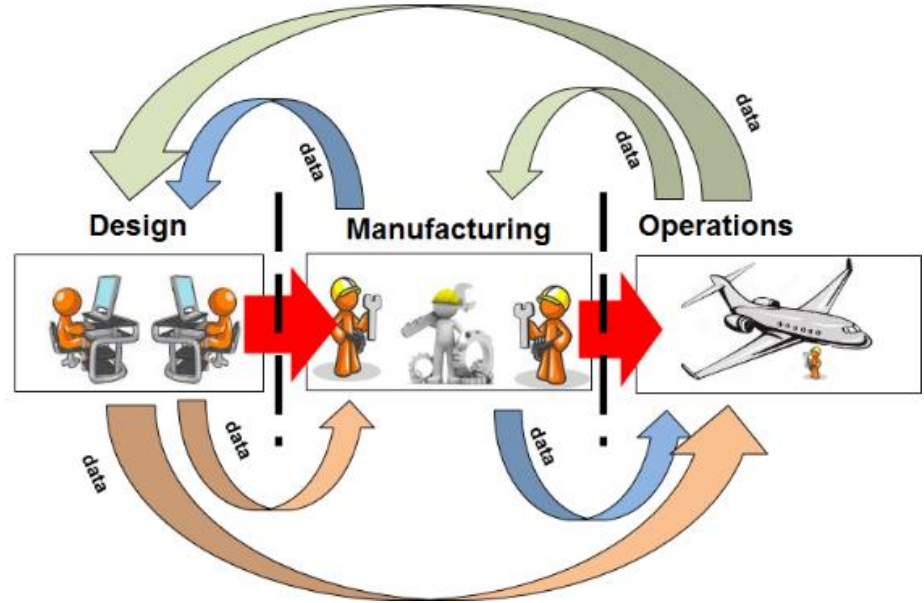
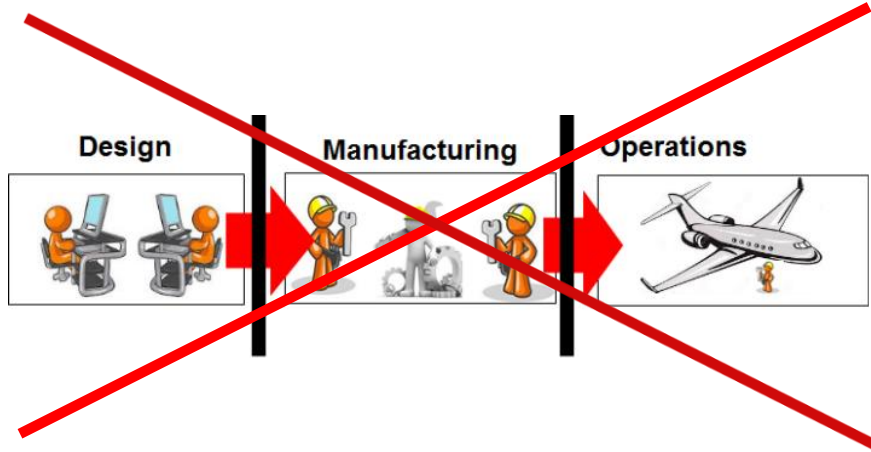
Aviation Lifecycle

航空生命周期



Tearing Down Walls

打破界限



Importance of Communication

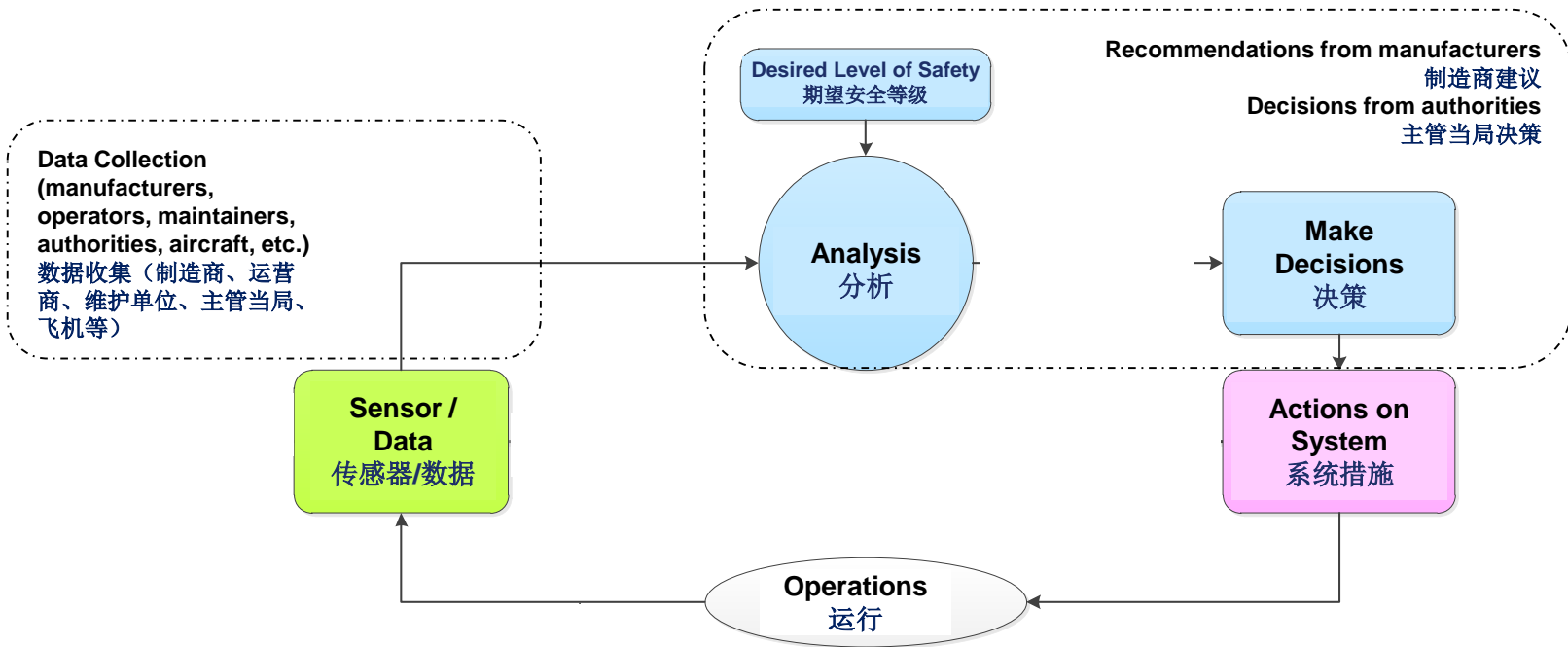
沟通的重要性



Federal Aviation
Administration

COS System – Simple Model

持续运行安全系统 – 简单模型



Make Decisions

决策

Make
Decisions
决策

Corrective Action Review Board (CARB)
纠正措施审查委员会 (CARB)



Decision Support Organizations
决策支持单位

- DAH
- PAH
- Operators
运营商
- Maintainers
维护单位
- Legal Council
法律委员会

Data and Analysis
数据和分析

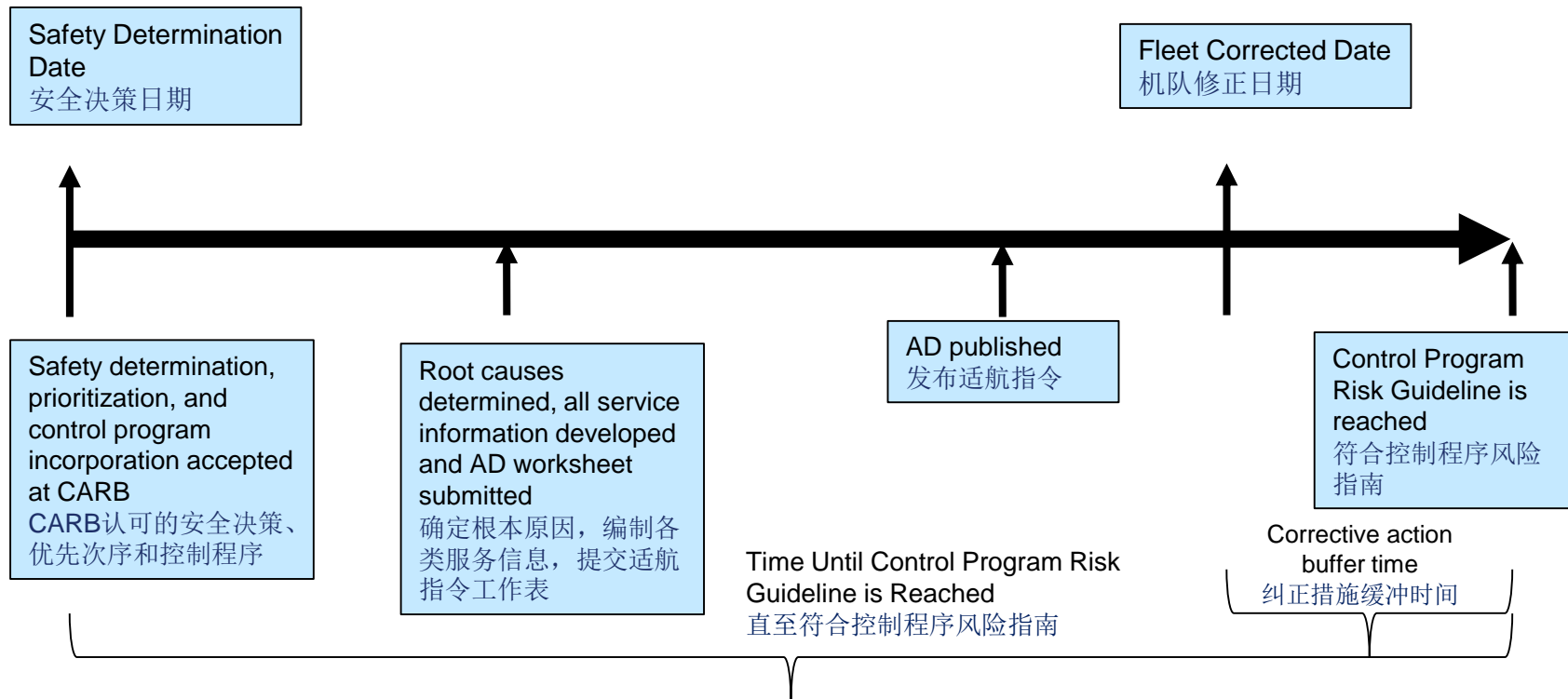
Safety Determination, urgency and system prioritization
安全决策、紧迫性和系统优先次序



Federal Aviation
Administration

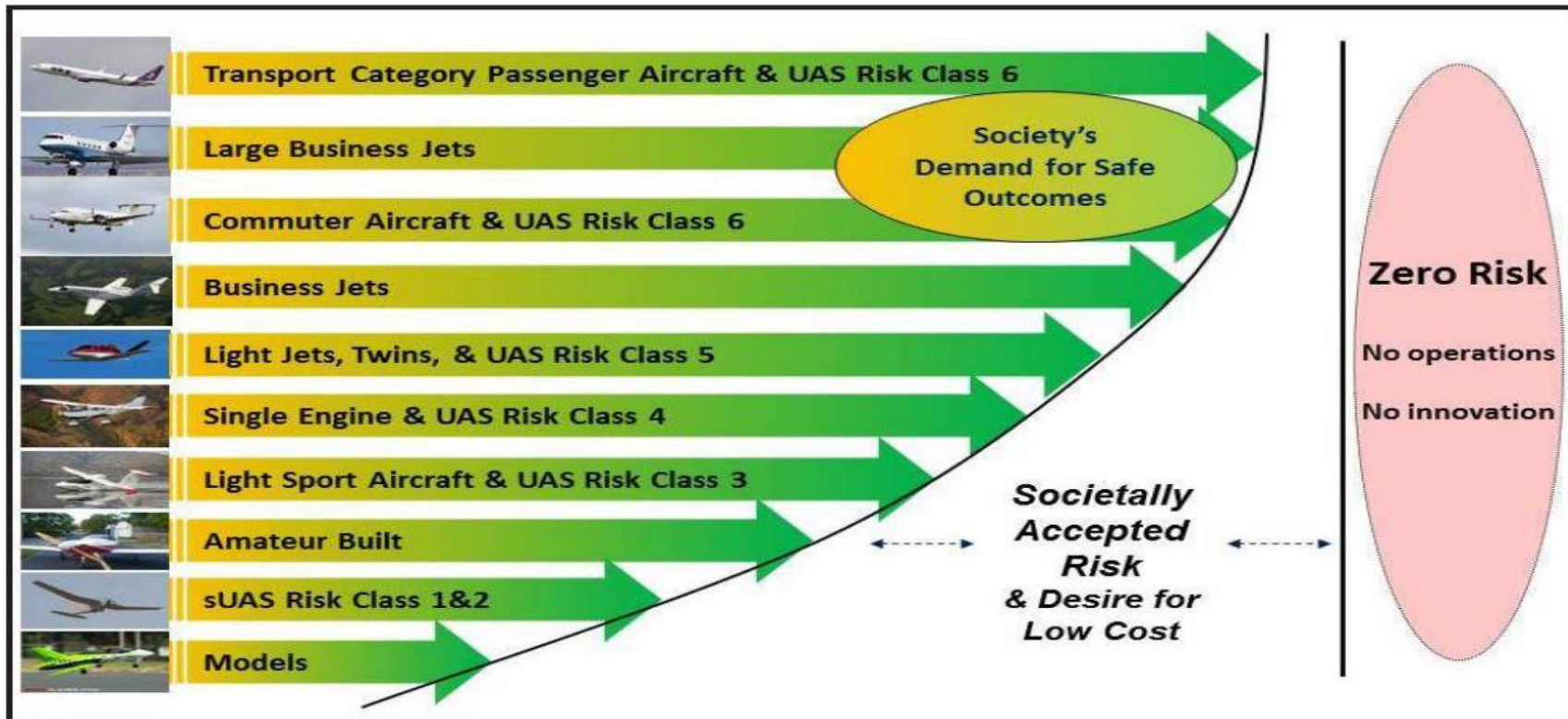
Make Decisions – Prioritization

决策 - 优先次序



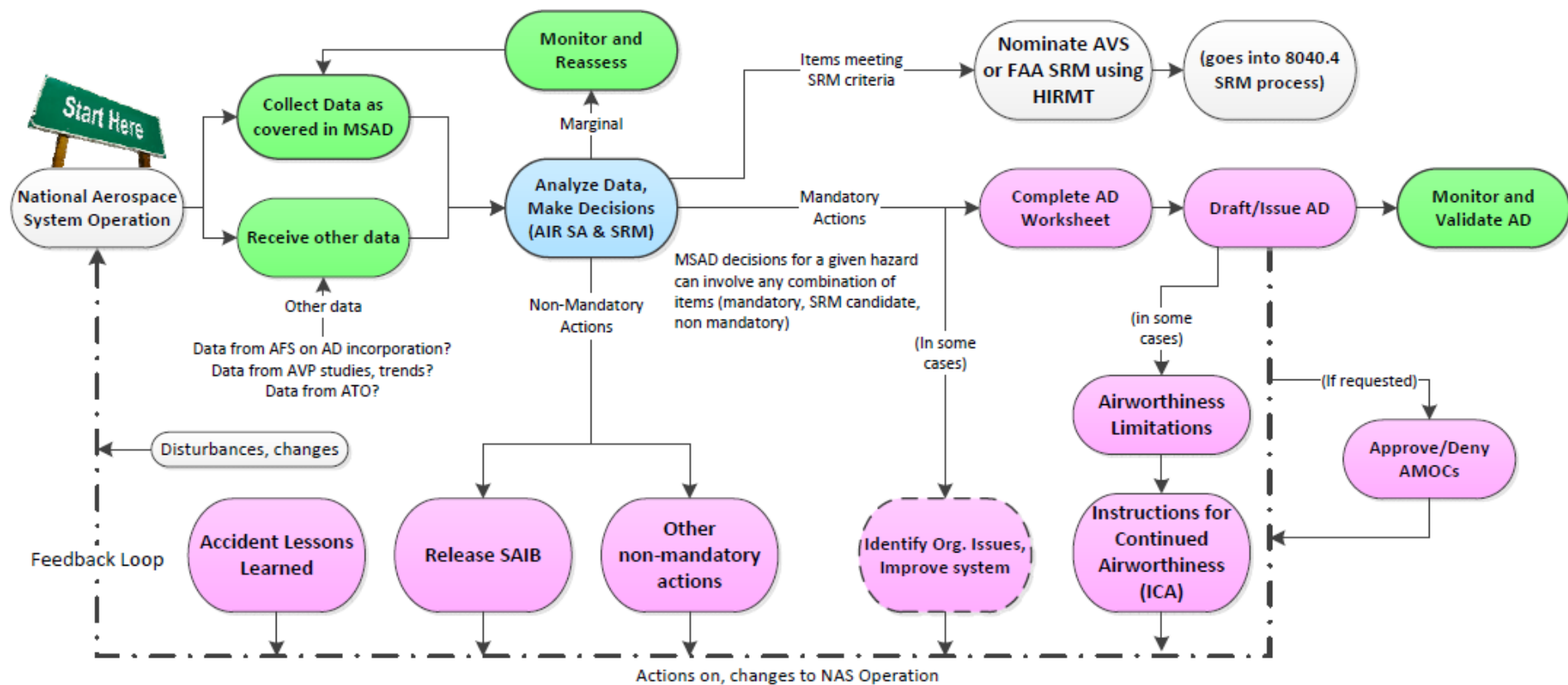
Continuum of Safety

安全连续性



FAA Aircraft Certification

Continued Operational Safety System (COSS)



Compliance vs. Safety

合规与安全

