Paperless Aircraft Operations in Technical Operations; IATA’s vision and overview

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Nov 13, 2017
Paperless Operations; Vision 2020

Digitising of current paper systems is a transition phase towards ultimate e-business
Moving towards paperless environment...

**Airlines 1, 2, 3... Control:**
Airworthiness, Configuration, Compliance, AMR, Data, Records, Tech Pubs, End of Lease needs & Maintenance Execution by MROs, Component Pooling Recordkeeping

**MROs – Maintenance Events:**
(Airframe, Engines, Components)
Task Card Records, Certification Records, Parts Records

**Lessors & Airlines Require for Delivery & Re-Delivery:**
Aircraft Readiness Log (ARL), Aircraft Inspection Report (AIR), Tech Pubs, Certificate of Airworthiness, AD Status, LLP Status, AMRs, Technical Logs, Weight & Balance Status, Engine Status, Certificates of Export, Etc

**OEMs:** (Airbus, Boeing, Bombardier, Embraer, Mitsubishi, Rolls-Royce, etc)
Build, Provide Initial Delivery and Through-Life OEM Technical & Operational Support
IATA’s efforts to simplify the business...

- Paperless Aircraft Operations; Technical Operations
- Aircraft Leasing Advisory Group (ALAG)
Benefits of e-documentation

- Compliance; ensure accurate record keeping
- Accuracy; minimize or eliminate manual input/error
- Efficiency; search ability, remote reviews, quick response etc.
- Cost reduction; avoidance of mundane work, transportation, travel expenses to review docs etc.
- Full traceability & completeness; full historical record/trace
Myths and truths about paperless operations

- Do we know the regulations? assumptions, responsibilities…
- Do standards exist? knowledge, awareness…
- Do paperless operations exist today?
  - Various levels of implementation among stakeholders
- What is the impact of lack of harmonization?
  - Service providers and parts suppliers face multiple and different interfaces
The significant role of the OAM* ...

The OAM can influence the number of suppliers and affects the customers

*Original Aircraft Manufacturer
Paperless Technical Operations...

1) Will it happen? <-> when will happen?

2) Do we want to be carried along by various efforts <-> should we direct the future?
WELCOME!!!