Paperless Operations

Chris Markou
Head, Operational Cost Management - IATA
Paperless Operations; Vision 2020

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

13th MAINTENANCE COST CONFERENCE  
SEPTEMBER 13-15  
Panama City, Panama 2017
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
- What is the impact of lack of harmonization?
  - Service providers and parts suppliers
The significant role of the OAM* ...

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

*Original Aircraft Manufacturer
Aircraft (re)delivery documents

- Harmonization of paperwork (AIR, ARL...)
- What is the birth record of the aircraft?
- Need to provide acceptable “standards”
- LLP documentation; regulations, commercial
- Technical documentation requirements

*Non Incident Statement, **Incident Clearance Statement
What IATA has done (1)...

Guidance Material and Best Practices for Aircraft Leasing; [www.iata.org/alag](http://www.iata.org/alag)

- Redelivery process best practices
- Aircraft Redelivery Documentation checklists for aircraft transfers
- ICAO’s Cross Border Transfer (XBT) to harmonize aircraft transfer
What IATA has done (2)...

Incident Clearance Statement (ICS) to replace the Non-Incident Statement (NIS)

- Available for Aircraft and Engines
- Working to establish similar document for aircraft parts (based on ATA 106)
- Commercial documents
What IATA has done (3)...

LLP Traceability Template

- Creating a global standard template
- Identifying supporting docs
- Evaluating the potential for a global database/registry/clearinghouse for LLPs
Other related initiatives in place?

- ICAO Doc 9760; recognition of e-records and e-signature
- ICAO Guidance on Cross Border Transfer of Aircraft; XBT
- Aircraft Health Monitoring (AHM); update for MSG-3
- e-signature concept using the internet domain name system
- Aircraft part-out and decommissioning; best practices

*Approved Maintenance Organizations
http://www.iata.org/events/Pages/paperless-aircraft-operations.aspx
to represent, lead and serve the airline industry

For more info: markouc@iata.org