It’s Time for RFID

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Who We Are:

- Headquarters: Atlanta, GA, USA
- 867 Mainline Aircraft
- 20 Fleets, 25 Configurations

Compliance RFID Mtc. Program:

- RFID Engineering: Atlanta, GA
- 856 Mainline Aircraft
- 18 Fleets, 62 Configurations
**Program Timeline**

**Phase 1**
- Emergency Equipment
- Crew O2 Mask
- O2 Generator
- Life Vest
- APU/Cargo/Engine Squibs

**2011**
1st RFID Induction on B757

**2013**
RFID Mtc. program approved by FAA

**2015**
300+ AC RFID enabled

**2016**
800+ AC RFID enabled

**2017**
Entire Delta Fleet will be fully RFID enabled!

**Phase 2**
- Crew Oxygen Bottle
- Batteries (CVR/FDR/ULB/FCDC/RIPPS)
- EMA / Inflator
- Fixed ELT
- Lav. Oxygen Generators

**2020**
Paperless Operation!
RFID by the Numbers

- # of RFID Tags flying: 298,563 tags
- # of RFID Enabled AC: 856 tails (Phase 1 & 2 Completed)
- # of Average Expiring Items per Month: 840
- # of RFID Configuration Drawing Created: 210 drawings
- # of Active Configuration Drawing: 62

New Initiatives

- New Delivery A/C RFID Scan on B739
  - Collaboration with ASD and Boeing RFID Team
- Carpet kit receiving Scan
  - Collaboration with Airworthy
- INOP Cart Tracking Scan
  - Collaboration with Airworthy
Why Do Airlines Over-Tag?

- Data Capture

- Tag Uniformity
  - Punch hole placard, HRI, 1D, 2D, RFID
  - Which data to read?

- Performance
  - Read RFID on-wing vs. shop

- Location placard w/o Barcode

Do you know “what” you have & “where” you have it?
What Operator Sees

Spec2000 ch9-4 2D Barcode could stop getting lost in translation
Delta has...

- Provided demonstrations
- Efforts to combine needs of OAM, OEM and operators for several years
- Suppliers need to hear IATA Airline Requirements from operators
- If you can’t install RFID right away, start with 2D barcode (Must follow Spec2000 ch.9-4 format)

We know it works, so put it to work!

It’s Time for RFID
Questions?

For more Information
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Thank You