Overview

Brad Ballance
Senior Managing Director
ATA e-Business Program
Administered by Airlines for America

- Airlines for America (A4A) - formerly Air Transport Association (ATA)
  - Not-For-Profit Trade Association
  - Based in Washington D.C.
  - Founded 1936 by 14 airlines
  - Address non-competitive issues
  - Membership:
    - 8 Passenger Carriers
    - 3 All-Cargo Carriers
    - 1 Associate/International Airlines
  - 90% Cargo/Passenger Traffic in the U.S.
ATA e-Business Program

- International standards program
- Membership open to the world’s airlines, suppliers, repair agencies, solution providers, etc.
- Neutral/Consensus-based
- Not-for-Profit
- Membership
  - 111 Member companies
  - 600 Individual volunteers
- Vision, mission, strategy and goals
ATA e-Business Program History

• Beginning – late 1950s
  – Spec 100 – Technical Data Standards
  – Spec 200 – Materiel Data Standards (IBM Punch Cards)

• Standards Evolved and Expanded
  – Changing business needs
  – Technological advances

• Today
  – Broad list of standards and data definitions
  – Long list of adopters
  – Standards deeply embedded in industry systems and processes
Vision

To be an agile, cost effective, global commercial aviation industry enabled through effective and efficient information sharing.

- Information is as dynamic as the business environment
- Business models can be effectively adjusted in a timely manner as conditions require
- Minimal data processing for distribution or consumption
- Information is complete and ready for consumption when provided
Mission

Establish a global commercial aviation industry information framework that facilitates improved business agility, reduces costs, increases speed of business, and maintains the highest level of safety.
Functional Scope

- Design
- Production
- Operation
- Maintenance

Configuration Management

Maintenance Planning

Maintenance Procedures

Part Identification, Traceability, RFID

Initial Provisioning
Delivery Configuration
Reliability Data

Industry Performance Metrics

Supply Chain Management / e-Procurement / Repair Order Administration / Warranty

Electronic Regulatory Documentation

Flight Operations Data
Electronic Aircraft Logbook

ATA Aviation Marketplace

Digital Data Security

- Spec 2000
- Spec 42
- iSpec 2200 / S1000D
- Spec 2300
Functional Scope

- Design
- Production
- Operation
- Maintenance

**Configuration Management**

- Maintenance Planning
- Maintenance Procedures
  - Part Identification, Traceability, RFID
  - Initial Provisioning
  - Delivery Configuration
  - Reliability Data
  - Industry Performance Metrics
  - Supply Chain Management / e-Procurement / Repair Order Administration / Warranty
  - Electronic Regulatory Documentation
  - Flight Operations Data
  - Electronic Aircraft Logbook
  - ATA Aviation Marketplace

**ATA, AIA, ASD Collaboration**
ATA e-Business Committee Structure

**e-Business Steering Group**

### Functional Interest Groups

- **Supply Chain Management**
  - Spec 2000 Chapter 1-8, 12, 13, 14, WASG
  - Metrics PT
  - Repair Admin PT
  - RFID Shipping PT
  - Warranty PT
  - Schema PT
  - Test PT
  - MMEL PT

- **Flight Operations**
  - Spec 2300

- **Traceability**
  - Spec 2000 Chapter 9, 15
  - RFID on Parts PT
  - RFID on GSE PT
  - RFID Tech PT

- **Regulatory Documentation**
  - Spec 2000 Chapter 16
  - E-Documentation PT
  - FAA 8110 / 337 PT

### Integration Working Groups

- **Reliability Data**
  - Spec 2000 Chapter 11, 13.2
  - E-Logbook PT
  - Teardown PT
  - Metrics PT

- **Quality Assurance**
  - Data harmonization
  - Technical design
  - Spec consistency
  - Methodology

- **Digital Security**
  - Spec 42
  - Spec 2000 Data Security

- **Civil Aviation**
  - iSpec 2200 S1000D Collaboration
  - Business PT
  - CMM PT
  - Configuration Mgmt PT
  - Graphics & Multimedia PT
  - Maintenance Rqmts PT
  - Service Bulletin PT
  - Technical PT
## ATA e-Business Program Members (111)

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ATA e-Business Forum

- October 22-24, 2012
- Scottsdale, Arizona
- 300 attendees
- Register at www.ataebiz.org
Product Showcase

• Virtual exhibit hall for vendors to list products that leverage S1000D and other industry specifications.
• Launched in April 2012
• Free for anyone to search products
• Free listings on the site through 9/30/2012
• Linked from:
  – S1000D Homepage - www.s1000d.org
  – ATA e-Business Program - www.ataebiz.org
http://www.ataebiz.org

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