



## ATA e-BUSINESS PROGRAM

### Active Project List

The following is an overview of ATA e-Business Program projects along with their status and links to their respective working groups/teams. Links to working groups/teams are only accessible by ATA e-Business Program Members. To learn more about becoming a member, visit <http://www.ataebiz.org>.

#### Electronic Logbook Standards

The e-Logbook Project Team published 2.04 of the specification in 2011, and is actively working on publishing 3.0 later in 2011. ([Spec 2000, Chapter 17](#)). This model identifies the various fields and formats for development of e-Logbook data that both supports reliability data analysis, and supports the various record keeping requirements and variations that the different operators have within their Logbook systems. The prime focus of the specification is on “interoperability” between systems, allowing movement of critical logbook data from one system to another in a standardized manner, such as from the Logbook to the Maintenance Tracking system. Visit the [e-Logbook Project Team](#) to learn more or to join the effort.

#### Information Security Standards

The ATA Digital Security Working Group (DSWG) is currently working on revision 2011.1 of ATA Spec 42, which is expected to be completed by end of this year. This revision will add guidance in the following areas:

- Data archiving
- Creating and validating digital signatures
- Security implications of aircraft change of ownership
- Time-stamping

Visit the [Digital Security Working Group](#) to learn more or join the effort.

#### Information Standards for Flight Operations Data

Revision 2011.1 of [Spec 2300](#), Information Standards for Flight Operations, was published in April of this year. This revision added guidelines and XML Schemas for the following items:

- Dispatch Item (MMEL)
- CDL Item
- MMEL M&O procedures
- General information (e.g., ToC, preamble, definitions, LEDM, etc.)
- System fault / MMEL cross-reference data
- FCOM procedures
- Additional metadata

The ATA Flight Operations Interest Group (FOIG) is currently working on revision 2011.2, scheduled for December 2011. This revision includes the following items and will complete the major requirements for flight crew operating data:

- Performance
- Limitations
- Substantiation
- Approvals
- AFM
- QRH
- Exchange Package

Subsequent revisions will focus on other flight operations data, such as Flight Crew Training Manual (FCTM), Cabin Crew Operating Manual (CCOM), Weight and Balance Manual (WBM), and more.

Visit the [Flight Operations Interest Group](#) to learn more or to join the effort.

### **Next Generation Technical Data Standards (S1000D)**

The Civil Aviation Working Group (CAWG) is working through the S1000D Steering Committee and Task Teams to finalize changes for [S1000D](#) Issue 4.1. A technical pre-release of Issue 4.1 is scheduled for release in 3<sup>rd</sup> quarter of 2011, with final release in 2<sup>nd</sup> quarter 2012. This issue will complete the major modifications to S1000D required to support civil aviation requirements.

The CAWG Graphics & Multimedia Project Team (GMPT) is working on requirements to further harmonize the S1000D and ATA iSpec 2200 graphics style guides.

In addition, the CAWG maintains the ATA specification, "Business Rules for Implementation of S1000D in the Civil Aviation Industry." This specification provides the civil aviation business rules for the designated S1000D project-specific decision points. The current version of this specification is based on S1000D issue 4.0.1 and will be updated with each subsequent S1000D issue. The CAWG will meet later this year and early next year to update this specification in accordance with Issue 4.1 of S1000D. This specification is available for free download for ATA e-Business Program members. Visit the [Civil Aviation Working Group](#) to learn more or join the effort

### **Regulatory Documentation Interest Group**

The Regulatory Documentation Interest Group (RDIG) expects to release an update to [Spec 2000 Chapter 16](#) in late 2011, to incorporate changes to regulatory data related to the FAA Form 8130-3 and EASA Form 1. Additionally, a project team is looking at developing electronic formats of the FAA 8110 and 337. Visit the [RDIG](#) to learn more or to join the effort.

### **Reliability Interest Group**

The Reliability Interest Group (RIG) released some minor updates to their Chapter 11 data exchange XML in Spec 2000 v2011.1, and will shortly release an XML version of [Spec 2000, Chapter 15](#), Delivery Configuration Data which will facilitate customer's ability to populate their maintenance part tracking systems upon receipt of an aircraft. Additionally, new Aircraft Reliability Metrics are being released in the 2011.1 version, with additional metrics to be developed during 2011 for the 2012 release. Visit the [Reliability Interest Group](#) to learn more or to join the effort.

### **Repair Administration Project Team**

The Repair Administration Project Team (RAPT) is tasked with the development of a suite of XML messages for management of the repair order process. Included will be quotation, work scope, repair purchase order, shipment, finalization of the teardown report and invoicing. The first specification is expected to be released in late 2011 in [Spec 2000, Chapter 7](#). Visit the [RAPT](#) to learn more or to join the effort.

### **RFID Tags on Aircraft Parts**

The RFID on Parts Project Team plans to make minor updates to [Spec 2000, Chapter 9](#) in mid 2011, including the addition of an EPCglobal header which is being finalized within the EPCglobal community. This chapter specifies what kind of information is shown on the RFID tag and how it is organized. As related products have begun to come to market, several changes to the data are not being discussed. Visit the [RFID on Parts Project Team](#) to learn more or to join the effort.

### **RFID Tags on Tools and Ground Support Equipment**

This team will kick off in fall 2011, and will extend the work done by the RFID on Parts specification to Ground Support Equipment, reviewing possible support for active tags, real time location, sign-in/sign-out, etc. Visit the [RFID Tags on Tools and Ground Support Equipment Team](#) to learn more or to join the effort.

**RFID Tags to Support Part Shipments**

This team is expected to kick-off in late 2011 and will review other industry standards and other areas of Spec 2000 such as advance shipping notices, electronic Airworthiness Release Certificates, and other areas to facilitate an RFID standard to improve the shipping/receiving process, with a goal to cutting turn times and administrative delays.

**Warranty Administration**

The Warranty Project Team (WPT) is developing XML messages for management of the warranty process. This project will meet in fall 2011 and expects to publish the specification in late 2011. This project's output will be part of Spec 2000 Chapter 14. Visit the [WPT](#) to learn more or to join this effort.