

Tego Aviation Launch Kit

Getting started rapidly and scalably with ATA Spec 2000



DATASHEET

An “out of the box” solution for aviation companies adding RFID tags to flyable parts. The Tego Aviation Launch Kit includes the reader, software and tags needed to start reading and writing ATA Spec 2000 records on tags. Easy and affordable – get up and running the same day.

The included TegoView™ software can be used in architectures from stand-alone solutions that do not require any other software, integration or services, to more complex enterprise-wide solutions. It is the only such product to have been used by real customers over the last two years, and its usability reflects that pedigree.



Out of the box solution for Spec 2000 tagging

The workflow and user interface was designed with input from users and has been optimized around typical scenarios including use in a manufacturing or repair line and by mobile workers in the field.

FEATURES:

- Out of the box solution for encoding tags with birth record in Spec 2000 format.
- Reads and writes entire part history, including birth record, current data record and part history records.
- Stand alone mode – does not require any additional software, integration or services.
- API for integration into enterprise scale solutions.
- Compatible with standard tags including the Tego based solutions being deployed widely in the aviation industry.

Compatibility

The Tego Launch Kit fully complies with industry standards including the UHF Gen 2 air interface (ISO 18000-6c) and ATA Spec 2000, including Chapter 9-5 and Annex 11, which relate to RFID.

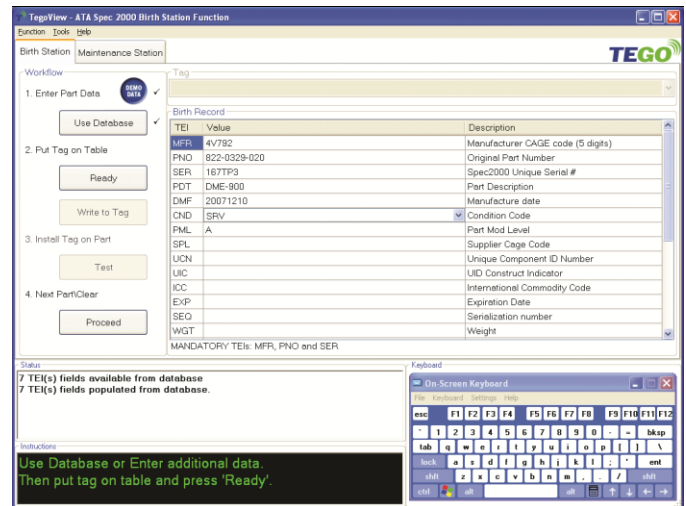
Tego has participated in the ATA standards body for several years and is the primary architect of the container format specified in Spec 2000. The Tego high memory chip is being used on a number of aviation programs, including the Airbus A350XWB. This combination ensures customers an unparalleled level of confidence in both compatibility and interoperability.

Functionality

The kit provides information at point of use to support high level asset management and reduce labor and lifecycle management costs, increase equipment utilization, improve regulatory compliance, enhance authentication and security, and shorten maintenance tracking.

The Tego Launch Kit includes the following functionality as standard:

- Encoding the manufacturer birth record and testing a tag prior to attaching it to a product;
- Adding or viewing maintenance records subsequent to the initial birth record in order to access the full part history;
- Input methods including keyboard, touch screen, bar-code, and external database;
- XML based application programmer interface for integration purposes;
- Full functionality out of the box with no further software, integration or services required.



Bench-top kit available for fixed stations

Kit Contents

Two variants of kit are offered according to customer preference:

- Hand-held kit for use in field applications – includes Intermec CN3 mobile computer and IP20 hand-held snap-on reader;
- Fixed kit for use at fixed stations – includes ThingMagic Mercury 5e USB reader (requires PC at station).

Additionally, all kits include the following items:

- Kit and tag documentation plus original user manuals;
- TegoView™ software, single seat license and installation media;
- 20 flyable tags of different form factors from several manufacturers;
- 5 multiple use tags for test purposes.

Ordering Information

Fixed kit: K-MRO-TMU-25

Hand-held kit: K-MRO-IN-25