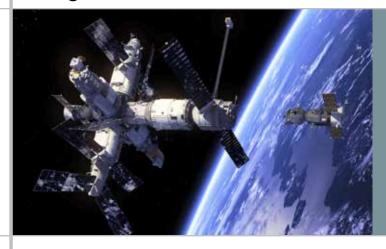**Raytheon**

EAGLE ELT
Enhanced Automated Graphical Logistics Environment — EAGLE Logistics Toolset

EAGLE ELT
ELT is the world-class logistics toolset and logistic support analysis record (LSAR) used to perform logistic analysis. It is used to make sure that the optimum cost-effective support solution is derived to ensure best possible availability of the project. It has the ability to reuse the data to populate the technical manuals.

For over two decades the Raytheon EAGLE team has been developing world-class software solutions designed to support the production and management of program logistics, documentation and product support data.

The EAGLE Logistics Toolset (ELT) is a technologically innovative logistics toolset employing a robust central database as the repository for all logistics products developed through logistics support analysis (LSA).

Integrated Logistics Support (ILS) is a methodology that defines a structured approach to the development of logistics plans and products. LSA is the analysis techniques used to ensure that all support resources necessary to operate and maintain equipment through life are correctly identified.

ELT is a collection of tools to perform LSA, record and report the results. It is used by programs to import and develop the bill of materials (BOM) and identify provisioning requirements through the application of Reliability Maintainability and Testability (RMT) analysis.

Failure Modes Effects and Corrective Action (FMECA) analysis uses system and parts reliability data to determine failure causes, safety implications and corrective maintenance tasks.

Reliability Centered Maintenance (RCM) analysis identifies preventive maintenance actions or redesign for safety requirements.

Provisioning analysis calculates the optimum range and scale of spares required to support the availability of the fielded system.

Maintenance Task Analysis (MTA) determines the required task resources, personnel, tools, spares, supplies and the task narrative to perform the maintenance activity.

Part information can be used to rapidly and accurately create technical manual illustrated parts data. Engineering data changes automatically flow into the manuals.

Maintenance task data can be used to populate ASD S1000D or MIL-STD-40051-1 data modules in the EAGLE Publishing System (EPS) with the click of a button.

The integrated EAGLE editor allows task narratives to be authored ready for use in EPS. The editor simplifies the technical authoring by providing a real-time what you see is what you get content view and navigation.

Capabilities

A leader in providing logistics software solutions, EAGLE Logistics Toolset disciplines include:

- Ad hoc
- Administration
- Breakdown structure
- Facilities
- Graphics
- LCN maintenance
- LSA management
- Operations maintenance
- Personnel skills
- Provisioning
- RMT management
- Reliability and maintainability
- Reports
- Spares modeling
- Support equipment
- Task analysis
- Technical manual
- Transportation
- User reports
- Wizards

The ad hoc tool can query the complete database, filter and sort records and produce reports. It can also be used to import data directly from spreadsheets. Queries can be saved to the system for later recall and use.

The standard LSA reports defined by the ILS specifications can be run against the data. Customer specific reports can be added. The data can be used by the EAGLE Maintenance Management Information System (MMIS) once the product is in operation.

About Raytheon Intelligence, Information and Services

Raytheon Intelligence, Information and Services is a leader in intelligence, surveillance and reconnaissance; advanced cyber solutions; weather and environmental solutions; information-based solutions for law enforcement and homeland security; and training, logistics, engineering, product support and operational support services and solutions for the Mission Support, homeland security space, civil aviation, counter proliferation and counterterrorism markets.

Customers

EAGLE Logistics software products support both internal Raytheon, U.S. and foreign customers including:

- AgustaWestland Helicopters
- Aspect Supportability Consultants
- Airbus Helicopters
- BAE Systems
- Bell Helicopter
- Boeing Company
- Booz Allen Hamilton
- CMI Defence
- Denel
- FNSS Defence Systems
- General Dynamics
- L-3 Communications
- Lockheed Martin
- Moog
- NASA
- Northrop Grumman
- Otokar Automotive and Defence
- Raytheon Australia
- Raytheon Canada
- Raytheon Missile Systems
- Raytheon United Kingdom
- Rheinmetall
- Rolls-Royce
- Thales
- Turkish Aerospace Industries

Raytheon

Customer Success Is Our Mission