ROSE (Read-Out Support Equipment) Analysis Unit

L3 ROSE Analysis Unit (RAU) is used for on-aircraft retrieval of flight recorder data, flight data analysis and data report development. The system is based on a Microsoft® Windows XP/7™ laptop computer that is installed with the L3 AR Read-Out Support Equipment (ROSE) software. The RAU is also used for on-aircraft parameter validation and verification of aircraft Flight Data Recorder (FDR) systems.

FEATURES

- Monitors live data and downloads stored data
- Data decompression
- Data archive and export
- Database import and export
- Customer-configurable data reports
- Tabular/raw data/graphic display of flight data
- Database control
- Aircraft or in-shop applications
- Ruggedized configurations available
- Downloads audio data from combination recorders
- Testing of previous generation flight data recorders with optional interface cables
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AIRCRAFT CONFIGURATION DATABASE DEVELOPMENT

Aircraft configurations for each aircraft are stored in a ROSE database and made available for import or export to and from other ground support systems.

- Automatic import conversion is performed when transferring from existing GS/2 configuration files.

- Aircraft configuration information is protected with advanced user login restriction levels for customized security modes.

REPORT ANALYSIS

Recorder data analysis and display allows either alphanumeric, graphical or combined display of parameter data.

- Eight different plot styles are available for selection and display of recorder flight data.

- Parameter display groups may be created and used for quick report.

- Data may be filtered or processed prior to display, and up to six parameters and conditions may be defined as search criteria to locate specific events within the flight data.

- Processed data values may be saved to a file and printed or exported in text (with comma delimiters) or graphical bitmap or metafile formats.

LOCAL CUSTOMER SUPPORT

In addition to our factory repair facility in Sarasota, Florida, the Aviation Products division of L3, maintains a worldwide network of authorized repair facilities. Each provides both product and service support with quick turnaround and responsiveness. Please contact us for a Product Support Directory and further details.

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COMPUTER INTERFACE COMM (CICC/3) 17TES0075

The CICC/3 cable is furnished with the RAU, P/N 17TES0063. This cable is provided to interface between the flight recorder and the Ethernet port of the RAU. As many of our recorders are combination recorders, the CICC/3 is required for downloading from the combination recorders. Previous interface cables will not work with the combination recorders.

COMPANY CERTIFICATION


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L3 Aviation Products is a leading provider of commercial and military avionics, as well as MRO services. We manufacture a diverse line of safety- and efficiency-enhancing products that sets the standard for next-generation cockpit requirements.