

ELECTRONICS & DEFENSE



ED48

FLIGHT DATA INTERFACE & MANAGEMENT UNIT

- Massive flight data acquisition device
- Highly reconfigurable device
- Improve safety & maintenance through data analysis

 CASSIOPÉE

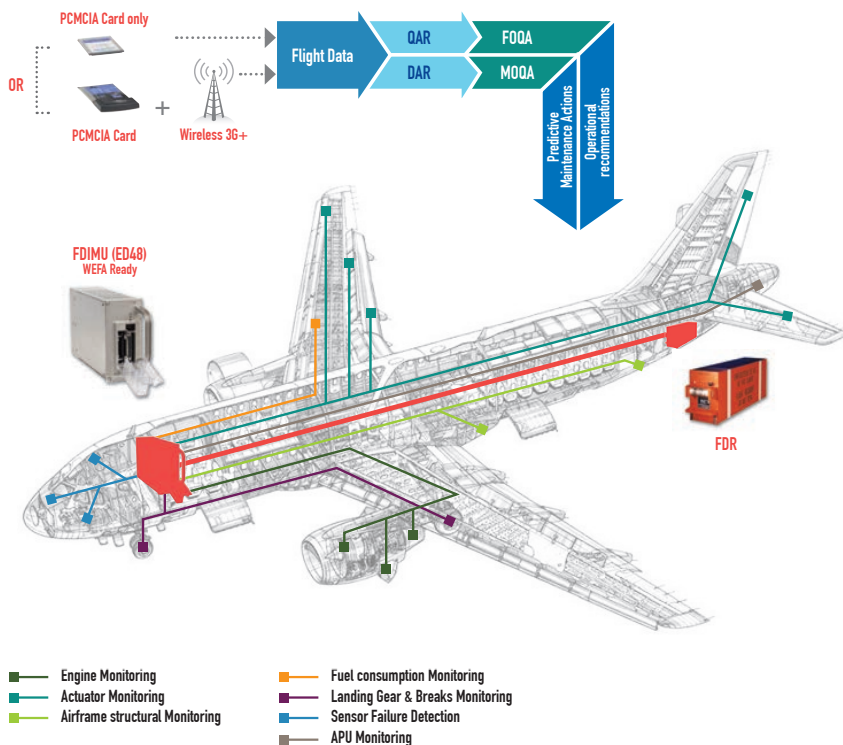
 SAFRAN

ED48

Flight data interface & management unit

Adapted to the specific requirements of the Airbus A320 family, the ED48 FDIMU combines mandatory flight data acquisition and high performance monitoring capabilities into a single unit.

Highly reconfigurable, the ED48 meets the aircraft operators and MROs' needs. In addition to flight data monitoring (FOQA/MOQA), the ACMS provides troubleshooting for system fault conditions such as electrical power, pitot heater, pneumatic system or engine trim failures.



Key FDIMU features

- Supplier Furnished Equipment (SSFE) for A318/A319/A319CJ/A320/A321
- Dimensions: 3 MCU
- Weight: < 4.5 Kg
- Power supply: 115V - 400Hz
- Two independent processors
- Data acquisition: per Airbus request
- FDR output: up to 2048 words/sec
- Up to 10 databases
- ACMS recorder: PCMCIA & SD cards

Wireless ready:

- WEFA* Plug & Play capability
- Worldwide 3G Connection
- 100 % Data Transfer

* *Wireless Extension For ACMS (WEFA)*

ACMS traditional uses:

Engine & aircraft trending condition monitoring

- Take-off
- Cruise
- APU
- Airplane performance

Engine exceedance monitoring

- Overspeed / Overtemp
- Vibrations

Airframe structural exceedance monitoring

- Hard landing

Other uses

- Weather reporting
- QAR continuous data recording
- BITE monitoring
- Sensor failure detection

Key ACMS features

- Real time ACMS monitoring & reporting
- Comprehensive ACMS reprogramming for customized detections, computing & recording
- Communication protocols with ACARS, MCDU, Printer, CFDS, MDDU/PDL & Ethernet bus

PUT YOUR FLIGHT DATA TO WORK

Safran Electronics & Defense
Arcs de Seine - 18/20 quai du Point du Jour - 92659 Boulogne-Billancourt Cedex - France
Tel.: +33 1 55 60 39 36 - Fax: +33 1 55 60 38 95
safran-electronics-defense.com
www.cassiopee.aero

