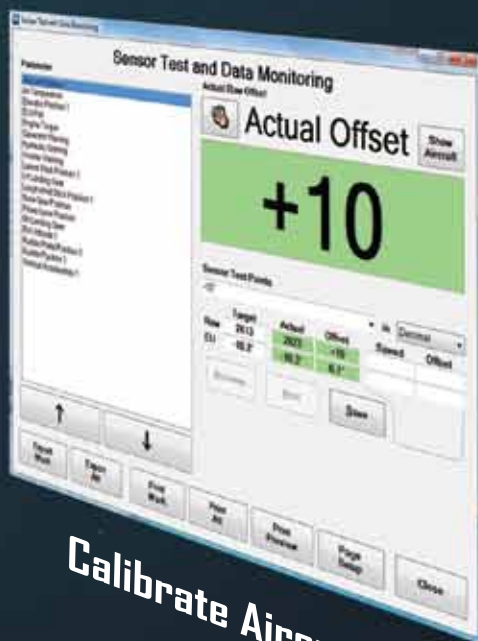
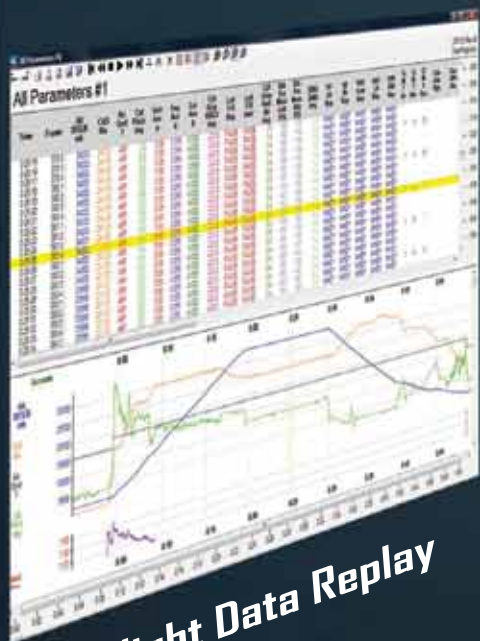




Sensor Test And Replay System (STARS)



Sensor Test & Replay System (STARS)

STARS is an affordable and powerful Flight Data Recorder (FDR) download, data replay and aircraft sensor calibration system designed to interface with many of the world's most popular FDRs.

The system includes the STARS software and the **Multi-Purpose Interface (MPI)**.

The STARS software suite with easy to use functions allows flexible options such as user access security levels, generated aircraft definitions, and the transfer of data between FDRs / QARs and memory media.

Its simplicity enables even infrequent users to quickly download and view flight data from a variety of FDR and aircraft types. Flight data can be viewed in a variety of ways, either as engineering unit listing, graphical traces or a combination with user defined report formats.



For Flight Safety Departments: STARS allows the FDR to be downloaded in the Flight Safety Department for incident analysis. Advanced search & filter capability assists in fast detection of reported incidents.

For Engineering Departments: Real time data monitoring at the aircraft allows sensor test and calibration using STARS powerful calibration function. Advanced search & filter capability allows fast detection of reported engine or airframe exceedances. Perform mandatory FDR maintenance readout reports using STARS.

The STARS Multi Purpose Interface (MPI) is an interface unit which connects a laptop, tablet or PC to multiple types of FDRs. Unlike competitive products, the MPI offers significant cost advantages by eliminating the need for very costly individual interfaces specific to each FDR type. Only one STARS MPI is required to connect to multiple FDR types. The download FDR provides power to the MPI so there are no internal batteries to worry about recharging.



STARS Software Minimum System Requirements:

- Microsoft Windows XP or Vista
- 512 MB RAM minimum
- 1024 x 768 screen resolution minimum
- Microsoft.NET Framework 2.0 (included)
- USB 2.0, Ethernet or Bluetooth

Technical Specifications of STARS:

MPI for solid state FDRs:

| | |
|---------------------------------------|---|
| L3 Communications (Fairchild / Loral) | F1000 FA2100 FA2200 FA2300 uQAR |
| Honeywell (Allied Signal) | SSUFDR & SSFDR series |

USB 2.0, Ethernet or Bluetooth connection to PC / Laptop / Tablet for use at the aircraft, on the bench or in the office.

MPI-A* for Digital Tape FDRs:

| | |
|-----------------------|-----------------|
| Honeywell (Sunstrand) | UFDR |
| Lockheed | L-209 Series |
| Plessey | PV- 1584 Series |

- Touch screen compatible for use with Tablet or Laptops.
- Powered by the download FDR - no internal batteries.
- Aircraft Definition Data Bases available for most aircraft types.
- Download and decompress F1000, FA2100 & uQAR data seamlessly directly from the recorder.

** MPI-A is a FDS and AIR Inc. product*

Flight Data Systems Pty Ltd
 PO Box 423, Niddrie VIC 3042, Australia
 T: +61 3 8331 2900 F: +61 3 9336 1758
 sales@flightdata.com.au
 www.flightdata.com.au