

Readout Services



We provide expert Flight Data Analysis services for FDR Airworthiness Checks and Incident Investigation to diverse customers.

- 500+ Global customers
- 1200+ readouts reports (CVR, FDR, & Datalink) delivered in 2022
- 96% On-time Delivery (12-month average)
- Industry's most trusted Readout Service Provider

DFDR Readout *One Source, One Solution*

Our expert staff is dedicated to the science of FDR data analysis, having participated in the evolution of the FDR airworthiness regulations since 1992. We founded our business on FDR data analysis and helped pave the way for FAA acceptance of currently used methodologies.

With our roots in avionics test and maintenance, we are experienced in performing Flight Data Analysis for most aircraft types and believe in providing exemplary technical services and support.

Avionica has over 500 global customers, including regional, national, and international carriers.

Providing quality readout services for 30+ years

*Prices and discounts subject to change without notice



Contact Avionica
✉ sales@avionica.com

☎ 786-544-1100

Avionica, LLC.
9941 West Jessamine Street Miami, Florida 33157 USA

Quality Services from Experts

Quality You Can Count On

Avionica is an ISO 9001:2008 AS9100 Continuous Quality Improvement certified organization.

Our FDR data analysis quality process includes interpretation guidelines developed over several years, which are specific to customer, aircraft type, and configuration, designed to facilitate analysis in accordance with the examples given in AC20-141B, appendix 4.



Regulatory Compliance

Avionica is an expert in the FDR data analysis processes required to fulfill the requirements of Title 14 of the Code of Federal Regulations, section 121.344 Appendix M and related sections. Additionally, we can fulfill the requirements of JarOps, ICAO Annex 6, and EUROCAE ED-112A regulations as they pertain to flight data analysis for FDR/ DFDR airworthiness.

Our ground support equipment and data analysis tool (avSCAN) are designed to facilitate compliance with these various regulations. Our AS9100 registered quality process incorporates procedures for flight data analysis that comply with AC20-141B

FDR Airworthiness Experts

Avionica regularly participates in the evolution and development of ARINC specifications as a member of the AEEC Digital Flight Data Recorder Subcommittee and the Flight Recorder Electronic Documentation Subcommittee.

The process includes custom automated tests incorporated into the aircraft data-frame templates we use in avSCAN. These custom tools ensure a repeatable and controlled procedure is followed every time a data analysis is performed.

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AOG Support 24/7/365

Providing quality readout services for 30+ years

Your airline doesn't sleep... neither do we. 24/7/365 AOG support is part of all readout contracts.



- Avionica always maintains redundantly available duty personnel that can be reached toll-free for your staff.
- For airlines equipped with our data collection devices, we have a web based, secure file share system customers can use to send us data files.
- All our contract customers receive 24/7/365 AOG support (and do not need to use Avionica equipment to get that support).

Customize Data Reporting



We'll work with your engineering or operations personnel to craft a custom readout services program that fits your airline. We provide an array of report formats, so choose the one best suited for your operation.

Typical turnaround time

- 72 hours for non-expedited (non-AOG)
- 24 hours Rush on payment basis
- Standard 2-3 Weeks
- 24/7/365 AOG support, Rapid turnaround



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Readout Services Value

BENEFITS from Avionica Readout Services

Cost Savings

Using Avionica for FDA drastically reduces the time and cost involved in performing this mandatory activity around the world.
Less burden on Airline staff

We know that **approximately 8%** of readouts will be maintenance or incident-related, and often investigate engine exceedances and isolated system failures.



What Our Customers Say



“...Avionica's accuracy and thoroughness in flight data analysis is second to none and continues to be an integral component of our Continuing Airworthiness Maintenance Plan.”



“Avionica is always available to handle any questions we might have and can handle a large variety of aircraft flight data, ... As an FAA/EASA Repair Station, having this additional service to offer enhances our ability to attract and keep more customers.”

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Service Offerings



CUSTOMIZED

We'll work with your engineering or operations personnel to craft a custom readout services program that fits YOUR airline.

From custom reports to electronic billing, we'll work as one of your own departments.

This service can be done as a standalone seamless, or as an add on to any of our other seamless offerings.

Connect with us

<https://avionica.com/>

786-544-1100



Our Aircraft Experience

- **Airbus** A300/310/A318/A319/A320 /A321/A330/A340
- **ATR** 42, ATR72
- **BAE** 146
- **Beech** 1900D, B400/B400A
- **Boeing** (All)
- **Bombardier** CRJ200, CRJ700, CRJ900, CL300, CL600, CL601, CL604/605, BD700 (Global 5000 & 6000)
- **DHC8** -100/200/300, Q400
- **Embraer** 120/135/145, Embraer 170/190 families, Phenom 100, Phenom 300
- **Falcon** F900EX, F900DX-Easy (Honeywell Primus Epic Avionics), F900C, F2000, F7x
- **Fokker** F100, F50, F70
- **Gulfstream** 450, 550, G200
- **Hawker** 125-700 family, Hawker 400XP, Hawker 750/800/850, Hawker 900
- **Saab** 340A/B, Saab 2000
- And more...

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