



DATA LINK MESSAGING MESSAGING REPORT



HIGHLIGHTS

Certified Compliance: Adheres to ICAO, EASA, FAA, and National Aviation Authorities standards.

All-in-One Services: Your trusted partner for CVR, FDR, and DLR data readouts.

Rapid Turnaround: Ensures precise and efficient readouts in ≤ 3 days.

Detailed Analysis: Identifies and reports on present application types in the recording, as well as performs correlation tests with external data sources (when provided).

Service Delivery: Provides a Data Link PDF readout report and a text file with decoded messages, ensuring all necessary data is accurately captured and reported.

PREMIUM SERVICES

Flight Data Systems excels in providing comprehensive cockpit voice and flight data recorder readout services, supporting various OEM recorders and platforms such as L3Harris, Universal, Honeywell, and Flight Data Systems. Our services generate all necessary reports and documentation required by aviation authorities, eliminating the need for costly in-house processes and meeting the highest aviation standards.

Flight Data Systems offers professional Data Link Recorder readout services complying with ICAO, EASA, FAA, and National Aviation Authorities. Our Data Link Messaging capabilities ensure precise and efficient readouts delivered within three working days. Operators are required to provide their specific requirements and standard operating procedures (SOP). Our services

significantly reduce critical maintenance time, enhancing your operational efficiency and safety.

Our Data Link Messaging services cover a wide range of applications, including data link initiation, controller/pilot communication, addressed surveillance, flight information, aircraft broadcast surveillance, and aeronautical operational control data. We gather required and optional information through our secure Microsoft SharePoint Portal, ensuring a seamless and secure process. Our analysis and reporting identify and categorize application types, assess duration and data continuity, and perform correlation tests when sufficient information is provided. Service delivery includes a Data Link PDF readout report and a text file with decoded messages, ensuring all necessary data is accurately captured and reported.



Professional CVR DATA LINK MESSAGING VERIFICATION

Compliance Guaranteed:

Our verification services adhere to the standards set by ICAO, EASA, FAA, and National Aviation Authorities, ensuring your operations meet the highest regulatory requirements.

Efficient Turnaround:

We deliver precise readouts within three working days, provided operators submit their specific requirements, standard operating procedures (SOP), and mandatory data applications. Our streamlined process significantly reduces critical maintenance time, enhancing both operational efficiency and safety.

Scope of Service and Support Application Types:

- Data Link Initiation
- Controller/Pilot Communication
- Addressed Surveillance
- Flight Information
- Aircraft Broadcast Surveillance
- Aeronautical Operational Control Data



Service Process:

To facilitate our services, we collect the following information through our secure Microsoft SharePoint Portal:

- AC Tail*
- AC MSN*
- Recorder PN*
- Recorder SN*
- CMU PN / CMF Version

(CMU: Communication Management Unit, CMF: Communication Management Function - typically embedded in various avionics systems)

Note: Mandatory fields are marked with an asterisk (*).

Analysis and Reporting:

- Application Identification: We identify and report the application types present in your data.
- Correlation Testing: If sufficient information is provided, we perform correlation tests to ensure data integrity.

Service Delivery:

- Data Link PDF Readout Report
- Text File with Decoded Messages
 - Note: Only timestamp and header data will be decoded for custom and proprietary data link applications.
- Delivery Timeline:
 - All reports will be delivered within three (3) working days, excluding AOG (Aircraft on Ground) requests.

EASA/UK CAA, FAA & ICAO READOUTS



DATA LINK MESSAGING REPORT	RECORDERS SUPPORTED
FANS1A & ATN B1 Data Link Messaging Report	L3 Communications / L3Harris Technologies • SRVIVR25 CVR is anticipated to be supported mid-2025
Data Link Message Compliance Check	
Identify & report application types	Honeywell • HCR-25 CVR is anticipated to be supported mid-2025
Perform correlation test with operator information provided	
Recording duration and data continuity assessment.	
Operator Requirements: • Data: Raw data, metadata (e.g. AC Tail, MSN, PN etc) and any applicable SOPs. • Operational Directives: Provide operational requirements and specific Standard Operating Procedures (SOP) if bespoke data link tests are implemented.	



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Autorità per l'Aviazione Civile
e la Navigazione Marittima

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