

# DART

## *Data Acquisition Ruggedized Tool*

KGB Aviation Solutions LLC has developed a custom tool that takes advantage of modern technology. The device is named DART (Data Acquisition Ruggedized Tool) and can be remotely accessed through a secure web portal. The basic function of the tool is to connect to either an FDR or CVR and download the recorded data. Once the data is downloaded, DART will act as a secure data transfer tool, sending the data via several secure methods which includes WiFi, Bluetooth, and Ethernet. DART is designed to the rugged standards of IP67 and functions in the harshest conditions. DART will monitor and display up to 32 parameters of live data from the recorders.

DART was designed to be the most rugged and reliable system in the industry. Designed on a Linux operating system, it provides a custom solution which is reliable, robust, efficient and secure. With today's data security at the top of every IT department's priority list, we are proud to offer a device that will protect your data and network.



**Get in touch**

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## Versatility

DART is a single tool which interfaces with multiple recorders. All updates are pushed to DART remotely. This allows the user to add capability while DART is out in the field.

Remote updates will keep your DART current without shipping it back to our office.

Download Data

File #	Date	File	Download	Action
FA2702	8/23/2021 09:03 PM	FA2702_2021_0823_0903_00_000000.kg750-001	Download	Delete
FA2702	8/23/2021 09:03 PM	FA2702_2021_0823_0903_00_000000.kg750-001	Download	Delete
FA2702	8/23/2021 09:03 PM	FA2702_2021_0823_0903_00_000000.kg750-001	Download	Delete
FA2702	8/23/2021 09:03 PM	FA2702_2021_0823_0903_00_000000.kg750-001	Download	Delete
FA2702	8/23/2021 09:03 PM	FA2702_2021_0823_0903_00_000000.kg750-001	Download	Delete
FA2702	8/23/2021 09:03 PM	FA2702_2021_0823_0903_00_000000.kg750-001	Download	Delete
FA2702	8/23/2021 09:03 PM	FA2702_2021_0823_0903_00_000000.kg750-001	Download	Delete
FA2702	8/23/2021 09:03 PM	FA2702_2021_0823_0903_00_000000.kg750-001	Download	Delete
FA2702	8/23/2021 09:03 PM	FA2702_2021_0823_0903_00_000000.kg750-001	Download	Delete
FA2702	8/23/2021 09:03 PM	FA2702_2021_0823_0903_00_000000.kg750-001	Download	Delete
FA2702	8/23/2021 09:03 PM	FA2702_2021_0823_0903_00_000000.kg750-001	Download	Delete

Close

## Web Portal

A secure AWS platform provides confidential access to the downloaded data using a password protected portal. CVR audio and FDR data is automatically transferred once connected to Wi-Fi or via Ethernet cable.



# DART

## Technical Specifications

- Rugged tool designed to download and monitor data from FDRs and CVRs
- Monitor data in decimal, hex, octal, BCD and binary
- Monitor up to 32 parameters
- Ability to upgrade and purchase new capability without returning equipment
- Download data and effortlessly send via: WiFi, Bluetooth, and Ethernet
- Data protected via encryption
- Monitor data in engineering units (option)
- Purchase then download additional capability directly to DART
- Software updates pushed to DART with our maintenance program
- WiFi range can be extended by attaching WiFi antenna (supplied in kit)
- Non-hazardous battery allowing DART to travel without hazmat restrictions
- Military-style connectors
- Docking station (optional)

## Secure Portal

- View all DARTs assigned to your organization
- Add/remove DARTs
- Creation of users and assign rights
- Generate usage reports and select the frequency of the emailed reports
- Modify user access rights
- Monitor battery health
- Disable DART
- Review DART's download/upload history