

# LIGHTWEIGHT AND FLEXIBLE CRASH-HARDENED FLIGHT DATA RECORDER MODULES

**Appareo offers some of the industry's best lightweight digital flight data recording solutions for a broad range of rotary and fixed wing aircraft.**

Appareo can customize and manufacture a module that is crash-survivable, remote-mountable, and sized to the needs of your specific aircraft. These modules are ideal for aircraft with specific weight or space constraints and where reliable survivability of flight data provides business value in liability limitation and data to assist accident investigations.

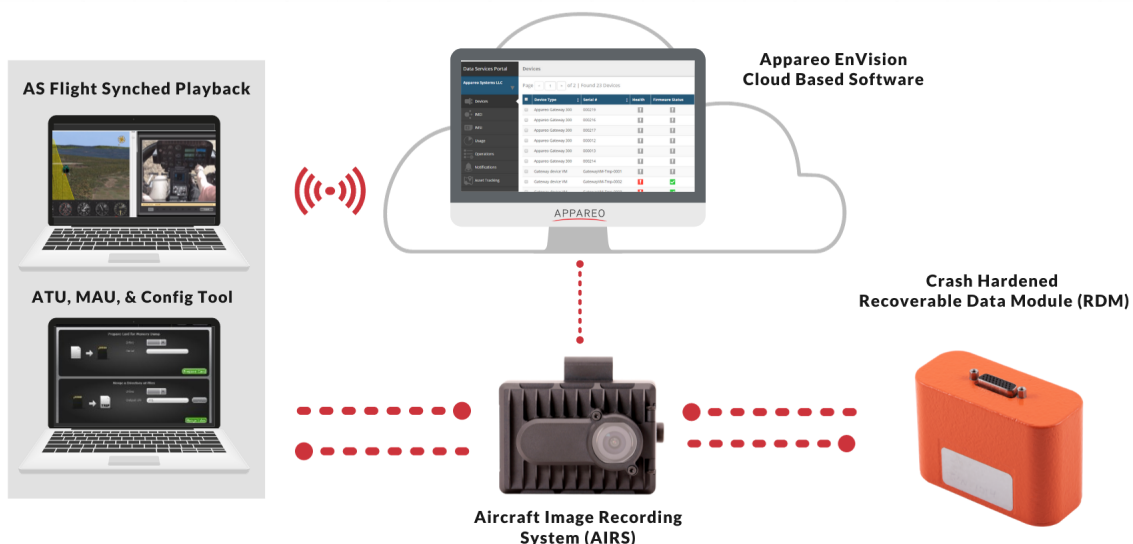
## TECHNOLOGY APPLICATION

The recoverable data module (RDM) series are designed to be easily incorporated into a variety of aircraft types, automatically accommodating your aircraft bus speed. Appareo's 300 series RDM digital flight data recorders (FDR) offer a highly survivable product in a very small package.

RDM Series	429 High Speed	429 Low Speed	RS-422	USB	Ethernet	Cockpit Voice	Ambient Audio
300 Series	X	X	X	X			

## POTENTIAL INTEGRATIONS

RDM 300 Series can be integrated with an Appareo Conexus® product to provide cellular data offload capabilities. Additionally, the 300 series RDM can be integrated with Appareo's cockpit image recorders to store image and inertial data from the cockpit-mounted camera.



## RDM-300

The Recoverable Data Module, model 300 (RDM-300) is built with a rugged and compact enclosure to withstand intense DO-160G category tests. Weighing less than 2 pounds, the module perfectly balances rigorous survivability needs while optimizing the size and weight of the product.

### RDM-300 FEATURES:

- Configurable ARINC 429 data decoding
- ARINC 429 high or low speed receiver
- RS-422 transmitter and receiver
- Optional additional RS-422 transmitter
- 5 GB eMMC storage
- Weighs less than 2 pounds

### QUALIFICATIONS: DO-160G & DO-178B Level E



DOC2453 Rev 1.3