

FA2100 SERIES COCKPIT VOICE AND FLIGHT DATA RECORDERS

L3Harris' FA2100 family of solid-state cockpit voice and data recorders offers proven reliability and performance for fixed- and rotary-wing aircraft operating in virtually all civil and military environments. These versatile systems are compact, lightweight, inexpensive to operate and provide maximum high-quality collection and storage of critical information in flight. The FA2100 is available as either a stand-alone Cockpit Voice Recorder (CVR), a dedicated Flight Data Recorder (FDR) or a combination Cockpit Voice and Data Recorder (CVDR).

The L3Harris FA2100 Solid-State Cockpit Voice Recorder (SSCVR) is a direct replacement for all Fairchild Model A100A, A100S and A200S Cockpit Voice Recorders (CVRs). The FA2100 provides the maximum recording capacity at the highest quality. Options include ATC data link messaging and Onboard Maintenance System (OMS) reporting. FA2100 SSCVR offers two hours of high-quality recording on all four channels and is designed for both civil and military aircraft. It requires very low power – only 12 watts (max AC) and 10.5 watts (max DC).

The L3Harris FA2100 Solid-State Flight Data Recorder (SSFDR) has a proven MTBF record in the field, weighs in at less than 11 lbs. (5 kg) and offers documented low cost of ownership due to its simple design. The reliable FA2100 is available in ½ ATR short- or

- Cockpit Voice Recorders store 2 hours of high-quality audio on all four channels
- Flight Data Recorders store 25 hours of data, at rates of 64/128/256/512 or 1024 words per second
- Commercial airline field experience of >50,000 hours
- ARINC 573/717/747 compliant FDRs. Optional MIL-STD-1553 versions.
- ARINC 557/757/757A complaint CCVRs. DataLink/CPDLC, and ARINC 429 OMS capability.
- Lightweight – 10.6 lb. maximum, with stainless steel Crash-Survivable Memory Unit (CSMU) (4.8 kg)
- Optional titanium CSMU
- Low-power consumption – 13.8 W max AC and 12.3 W max DC
- Stand-alone Cockpit Voice Recorder (CVR) and Flight Data Recorder (FDR) options available
- Control units, microphones and installation accessories are available

