



Aviation Products
100 Cattlemen Road
Sarasota, Florida 34232
CAGE Code 06141

SERVICE INFORMATION LETTER

DATE: APRIL 05, 2017 **LETTER NO.** L3AP-007
TO: ALL OPERATOR'S OF LEGACY L3 MODEL CVR AND FDR
SUBJECT: RETROFIT ASSISTANCE

I. PLANNING INFORMATION

A. Effectivity

Model A100 Cockpit Voice Recorder, mechanical. Includes Part Numbers: 93A100-1X and 93A100-3X.

Model A100A Cockpit Voice Recorder, mechanical. Includes Part Number: 93A100-8X.

Model GA100 Cockpit Voice Recorder, mechanical. Includes Part Number: GA-100-0000.

Model A100S Cockpit Voice Recorder, solid-state. Includes Part Number: S100-0080-0X.

Model A200S Cockpit Voice Recorder, solid-state. Includes Part Number: S200-00XX-0X.

Model A55 and A55B Remote Area Microphone, Part Numbers: 93A055-XX.

Models A151, A151B, A152, A152B Control Units, Part Numbers: 93A15X-XX.

Model F800 Flight Data Recorder, mechanical. Includes Part Number: 17M800-XXX.

Model F1000 Flight Data Recorder, solid-state. Includes Part Number: S800-X000-XX.

II. REASON

Cockpit Voice Recorder and Flight Data Recorder systems should be upgraded to resolve a variety of concerns, including:

- EASA Mandate. By 1 January, 2019 at the latest, the CVR Record On means other than magnetic tape or magnetic wire (stated under Annex IV covering commercial Air Transport only).
- L3 Aviation Products is no longer providing repair service or parts support for mechanical CVRs and FDRs. The inventory of magnetic recording tape is exhausted. This affects Models A100, A100A, GA-100, and F800 mechanical recorders.
- L3 Aviation Products can no longer provide repair service or parts support on the Flash Crash Survivable Storage Unit (FCSSU) memory module contained in the A100S SSCVR, A200S SSCVR, and F1000 SSFDR. The internal memory storage devices for the FCSSU are obsoleted by suppliers.



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- In most regions, 30-minute Cockpit Voice Recorders are no longer acceptable. Model A100, A100A, and GA-100 are mechanical (tape) and limited to 30-minutes.
- The Model A100S SSCVR, Part Number S100-0080-XX, and Model A200S SSCVR, Part Number, S200-0003-00 are limited to 30-minutes.
- Control Unit and Remote Area Microphone accessories, developed to support magnetic CVRs, are not suited for modern SSCVRs. Examples are Model A151, A152, and A55 accessories which were intended for FAA TSO-C84 recording systems. The FAA cancelled TSO-C84 in May 1996.

III. DESCRIPTION

L3 Aviation Products is prepared to support customers seeking recorder system upgrades. In most cases, the solutions involve direct replacement slide-ins, with no other impact to the aircraft. Customers are encouraged to contact L3 Aviation Products, Product Support for Technical assistance.

L3 Aviation Products has partnered with Intertrade of Cedar Rapids, Iowa who is acting as our Distributor for the upgrade program that involves discontinued recorders and accessories.

Intertrade is a Rockwell Collins company, and may be reached by Phone: (319) 378-3500, or email: intertradesales@rockwellcollins.com.

Intertrade also stocks portable download equipment that may be purchased for performing crash recorder downloads.

L3 Aviation Products, Product Support offers Data Services, for customers that require parameter checks, readouts, and intelligibility tests.

L3 Aviation Products,

Mike Phillips
Product Support Manager

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