



COMMUNICATIONS SYSTEMS DIVISION
815 BROADHOLLOW RD. FARMINGDALE, NY 11735 USA

SERVICE LETTER

EQUIPMENT: SAAB SF340 — Flight Data Acquisition Unit (FDAU)

SUBJECT: FDAU P/N 508-0011-003; Introduction

GENERAL: At the request of SAAB-SCANIA, Telephonics has developed a 3rd generation FDAU. The new unit, when installed in a modified aircraft, monitors and supplies to the Digital Flight Data Recorder, three additional engine parameters (Compressor Pressure-Ps3, Gas Generator-Ng and Fuel Flow-Wf). Unit S/N 099 has been modified to the -003 configuration at the factory. Commencing at S/N 0126 and up, all units will be manufactured in the 508-0011-003 configuration.

CONFIGURATION: Externally identical to P/N's 508-0011-001 and -002, P/N 508-0011-003 differs internally in that an additional circuit card assembly (A7), is installed in a previously vacant card position, circuit card assemblies A3, A6 and A10 have been modified and required wires have been added to the harness assembly.

INTERCHANGE-
ABILITY: FDAU P/N 508-0011-003 is fit and functionally interchangeable with units P/N's 508-0011-001 and -002, in SF340 aircraft which have not yet been modified to provide the additional engine parameters.

OLDER UNITS,
MODIFICATION
OF: To enable use of older FDAU's in SF-340 airplanes which have been modified per SAAB Service Bulletin SF340-31-011, refer to PLANNING INFORMATION section of that bulletin.

Very truly yours,
TELEPHONICS CORPORATION

J. Marcell
Service Bulletin Administrator

SF340 SL86-1

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