



U.S. Department
of Transportation

**Federal Aviation
Administration**

March 22, 2021

Aircraft Systems and Manufacturing, Inc.

Dear Aircraft Systems and Manufacturing, Inc.:

The Aircraft Evaluation Group (AEG) has reviewed your request for Supplemental Type Certificate (STC) relief that may be included in an operator's FAA approved MEL. The AEG finds your relief submission allowable as documented in the relief section of this letter. This relief is valid when an operator installs the listed STC on an aircraft that is listed in the Aircraft Model List (AML) below. No other application of this relief is allowed. The STC holder must contact the AEG when the STC is amended, revised or revoked.

Operators may use this relief letter to incorporate the relief listed below into their Minimum Equipment List (MEL) upon publication of this letter and in accordance with the MEL approval process in FAA Order 8900.1. The relief granted remains valid indefinitely with possession of this letter unless the relief is specifically revoked or revised by the Administrator.

STC Applicant	Aircraft Systems and Manufacturing, Inc.
STC Number	ST09596SC
STC Description	Installation of a Digital Flight Data Recording System Expanded Parameter Upgrade using a Teledyne ARINC 717 Digital Flight Data Acquisition Unit (DFDAU) in accordance with ASM Top Drawing List 5528-0001-00, Revision L, dated June 7, 2011, or later FAA approved revision.
Aircraft Model List	B757-200

Sincerely,

Dale Bosselmann
FOEB Chair,
Aircraft Evaluation Group

Approved STC Relief

System	Item	Category	Installed	Required	Remarks-Exceptions
31	Flight Data Recorder (FDR) System (Includes Digital Flight Data Acquisition Unit (DFDAU) and FDR function of Combined Voice and Flight Data Recorder (CVFDR))	C	-	-	Any in excess of those required by 14 CFR may be inoperative.
31	Flight Data Recorder (FDR) System (Includes Digital Flight Data Acquisition Unit (DFDAU) and FDR function of Combined Voice and Flight Data Recorder (CVFDR))	A	-	0	May be inoperative provided: a) Cockpit Voice Recorder (CVR) operates normally, b) Airplane is not dispatched from a designated airport as listed in operator's MEL unless; 1) FDR failure occurs after pushback but prior to takeoff, or 2) FDR repair was attempted but was not successful, c) In those cases where repair is attempted but not successful, aircraft may be dispatched on a flight or series of flights until next designated airport where repair must be accomplished prior to dispatch, and d) Repairs are made within 3 flight-days.
31	DFDR Recording Parameters Required by 14 CFR	A	-	-	Up to three (3) recording parameters may be inoperative provided: a) Cockpit Voice Recorder (CVR) operates normally, and b) Repairs are made within 20 consecutive calendar-days.
31	DFDR Recording Parameters Not Required by 14 CFR	A	-	-	May be inoperative provided repairs are made prior to completion of next heavy maintenance visit.
31	Quick Access Recorder (QAR)	D	1	0	