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STC Information Sheet

FAA STC: ST02178AT

Master Drawing List: AERO-007-MDL

Aircraft: Boeing B737-100/-200

Configuration: 1

Flight Data Recorder (FDR) System Upgrade to 22 Parameters

Mod. Order: AERO-007M-1

AFMS: N/A

Master Kit List: N/A

ICA: AERO-007-CAW

Summary:

The Flight Data Recorder (FDR) System upgrade to 22 parameters consists of replacing the existing Digital Flight Data Acquisition Unit (FDAU), if required, installation of a triaxial accelerometer, installation of aileron position, horizontal stabilizer trim position and rudder position sensors, and interfacing with required signals.

Notes:

For aircraft equipped with an existing Flight Data Acquisition Unit (FDAU) and complies with 14 CFR 121.344(b)(2).

* Boeing Kit dash numbers dependant on specific aircraft variable number.

Material List

QTY	Part Number	Description	Source/MFGR
1	2222601	Flight Data Acquisition Unit (FDAU)	Teledyne
1	65C37677-()*	Kit, Rudder Position TX	Boeing
1	65C37675-()*	Kit, Aileron Position TX Left	Boeing
1	GM6192	Stabilizer Trim Position TX	Boeing
2	60B40042-3 or S250N104-4	Transmitter, Synchro	Astro Instruments Boeing
1	3001-01-111-2	Accelerometer, Triaxial	Patriot
1	313AS73D-4	DFDR Wire Harness	B/E Aerospace