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STC Information Sheet

FAA STC: ST02096AT

Master Drawing List: 99AERO-006R-1, App. A

Aircraft: Boeing B737-100/-200

Configuration:

Flight Data Recorder 18 Channel Upgrade

Mod. Order: 99AERO-006M-1

AFMS: N/A

Master Kit List: 99AERO-006M-1, App. 7.1

ICA: 99AERO-006R-1, App. E

Summary:

The Flight Data Recorder (FDR) 18 Channel Upgrade entails installation of sensors and associated wiring for additional parameters required by 14 CFR 121.344(b)(1). New parameters include pitch surface position, lateral control position, lateral surface position, yaw control position, lateral surface position, and lateral acceleration. Mechanical installation of the new sensors is accomplished in accordance with Boeing Service Bulletin (SB) 737-31-1100.

Notes:

* Dependent on currently installed FDR.

** Quantities/combinations of sensors dependent on specific aircraft effectivity.

Material List

QTY	Part Number	Description	Source/MFGR
1	980-4100/4120-RXUS* or 980-4100/4120-GQUS*	Flight Data Recorder	Honeywell
1	65C37678-1 or -11	Kit, Pitch Surface Position	Boeing
1	65C37675-11	Kit, Lateral Surface Position	Boeing
1	65C37677-1 or -11	Kit, Yaw Surface Position	Boeing
1	65C37679-1 or -11	Kit, Rudder Pedal Position	Boeing
1	65C37679-2 or -12	Kit, Lateral Control Position	Boeing
1	3001-01-111-2	Tri-Axial Accelerometer	Patriot
**	H532B	RVDT Transmitter	Novatronics
**	60B40042-3 or S250N104-4	Synchro Transmitter	Boeing
1	99AERO-006D-31	FDR Wire Harness	B/E Aerospace