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STC Information Sheet

FAA STC: ST02006AT

Master Drawing List: 99AMJT.040R-1

Aircraft: Boeing B727-100/-200

Configuration: 1

Digital Flight Data Recorder (DFDR) Upgrade from 11 to 18 Parameters

Mod. Order: 99KHWK.003M-1B

AFMS: N/A

Master Kit List: N/A

ICA: 99AMJT.040R-1, App. E

Summary:

The Digital Flight Data Recorder (DFDR) upgrade from 11 to 18 parameters consists of replacing the existing Digital Flight Data Recorder (DFDR), if required, installation of a triaxial accelerometer, installation of control wheel position, rudder pedal position, aileron position, elevator position and rudder position sensors, and interfacing with required signals.

Notes:

For aircraft not equipped with a Flight Data Acquisition Unit (FDAU).

* DFDR part number dependant on existing DFDR and specific aircraft configuration.

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

Material List

QTY	Part Number	Description	Source/MFGR
1	980-4100-GQUS* or 980-4120-GQUS* or 980-4100-RXUS* or 980-4120-RXUS	DFDR	Honeywell
1	65C37805-()**	Kit, Left Elevator Position	Boeing
1	65C37806-()**	Kit, Control Wheel Sensor	Boeing
1	65C37807-1	Kit, Rudder Pedal Position	Boeing
1	65C37808-()**	Kit, Left Aileron Position	Boeing
2	60B4002-3 or S250N104-4	Transmitter, Synchro	Astro Instruments Boeing
2	3435S520-102	Potentiometer	Boeing
1	3001-01-111-2	Accelerometer, Triaxial	Patriot
1	99AMJT.040D-8	Harness, DFDR 18-Channel	B/E Aerospace