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STC Information Sheet

FAA STC: ST04478AT

Master Drawing List: 2-205097-061

Aircraft: Boeing B757-200 Aircraft

Configuration: 1

Rockwell Collins Automatic Dependent Surveillance – Broadcast (ADS-B) Out System

Mod. Order: 2-205097-861

AFMS: 2-205097-865

Master Kit List: 2-205097-862

ICA: 2-205097-864

Summary:

The Rockwell Collins ADS-B Out system installation consists of upgrading the existing Mode S Transponders with DO-260B-compliant Mode S Transponders, installing two GPS 4000(S) receivers in the E3-1 and E3-2 Electronic Shelves, installing the GPS antennas in the upper fuselage crown, and installing associated interfaces and program wiring. Replacing the existing ATC Control Panel with an equivalent panel with ADS-B fault indication is optional.

Notes:

- (1) TSO-approved, ADS-B fault panels.
- (2) For aircraft with Flight ID via ATC Control Panel.
- (3) Only current approved ATC-GPS Source pairing.
- (4) Optional.

Material List

QTY	Part Number	Description	Source/MFGR
2	822-1338-205	ATC Transponder (TPR-901)	Rockwell Collins
1 ⁽⁴⁾	G6990-2XX ⁽¹⁾ or G6992-2XX ⁽¹⁾ or G7490-2XX ⁽¹⁾⁽²⁾	ATC Control Panel	Gables Engineering
2	822-2189-101 ⁽³⁾	GPS 4000(S)	Rockwell Collins
2	822-2033-001	GPS/SBAS Antenna	Rockwell Collins
1	B757-ADSB-901 or 386-0235-001	Top Kit, B757 ADS-B	B/E Aerospace