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STC Information Sheet

FAA STC: ST03497AT

Master Drawing List: 2-48470-001

Aircraft: SAAB 340 Series

Configuration: 1

Rockwell Collins Automatic Dependant Surveillance – Broadcast (ADS-B) System Installation

Mod. Order: 2-48470-802

AFMS: 2-48470-906

Master Kit List: 2-48470-801

ICA: 2-48470-902

Summary:

The Rockwell Collins Automatic Dependant Surveillance – Broadcast (ADS-B) System entails installation of two Rockwell Collins TDR-94D Mode S Transponders in place of the existing Mode S Transponders, installation of a Rockwell Collins CTL-92E ATC Transponder Control unit in place of the existing ATC Control Panel. The STC also entails installation of a Global Positioning System (GPS) Sensor to provide high-integrity GPS position data to the respective Mode S Transponders, a new GPS antenna mounted on the aircraft upper fuselage and associated system wiring.

Notes:

* or later released FAA approved software version.

This STC installation is only certified for ADS-B Out.

Material List

QTY	Part Number	Description	Source/MFGR
2	622-9210-108	TDR-94D Mode S Transponder	Rockwell Collins
1	822-1807-006	CTL-92E Transponder Control Unit	Rockwell Collins
1	84327-01-0303* or 84327-02-100A*	GPS Sensor	FreeFlight
1	81194	GPS Antenna	FreeFlight
1	S340-ADSB-901	Top Kit, SAAB 340 ADS-B	B/E Aerospace