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STC Information Sheet

FAA STC: ST00844AT

Master Drawing List: 2-73409-001

Aircraft: Boeing B727-100/-200 Series

Configuration: 1

Dual Garmin 165 Global Positioning System (GPS) Installation

Mod. Order: 95EATA.007M-1

AFMS: EAT-DGPS.AFM

Master Kit List: N/A

ICA: 2-73409-851

Summary:

The dual Garmin 165 Global Positioning System (GPS) entails installation of two (2) Garmin 165 GPS Receivers in the forward pedestal, installation of a KA-90 Digital Converter and relays on the E2-3 shelf, two GPS antennas installed at upper fuselage station 367 and 387, and the installation of associated GPS annunciators on instrument panels. The GPS interfaces with the aircraft's existing HSI's and the autopilot.

Notes:

Dual Garmin 165 GPS installation is not approved for non precision instrument approaches.

* GPS Software Version 3.06 or later FAA approved revision.

Material List

QTY	Part Number	Description	Source/MFGR
2	011-00106-00*	GPS 165 Receiver	Garmin
2	011-00147-00	Antenna, GPS	Garmin
1	071-01508-0201	KA-90 Digital Converter	Honeywell



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STC Information Sheet

Aircraft: Boeing B727-100/-200 Series

Configuration: 2

Dual Garmin 165 Global Positioning System (GPS) Installation

Mod. Order: 2-73409-801

AFMS: 2-73409-906

Master Kit List: 2-73409-803

ICA: 2-73409-851

Summary:

The dual Garmin 165 Global Positioning System (GPS) entails installation of two (2) Garmin 165 GPS Receivers in the forward pedestal, installation of a KA-90 Digital Converter and relays on the E2-3 shelf, two GPS antennas installed at upper fuselage station 367 and 387, and the installation of associated GPS annunciators on instrument panels. The GPS interfaces with the aircraft's existing HSI's and the autopilot.

Notes:

Configuration 1 of this STC should be accomplished prior to or concurrently to this configuration. This configuration is approved for non precision instrument approaches.

* GPS Software Version 3.06 or later FAA approved revision.

Material List

QTY	Part Number	Description	Source/MFGR
2	011-00106-00*	GPS 165 Receiver	Garmin
2	011-00147-00	Antenna, GPS	Garmin
1	071-01508-0201	KA-90 Digital Converter	Honeywell