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STC Information Sheet

FAA STC: ST02661NY-D

Master Drawing List: 0166-07017-2229

Aircraft: Embraer EMB-120ER

Configuration: 1

Honeywell CAS-67A TCAS II and TDR

Mod. Order: 2-95829-802

AFMS: 0666-07018-2229

Master Kit List: 2-95829-801

ICA: 0766-07019-2229

Summary:

The Honeywell CAS-67A Traffic Alert and Collision Avoidance System (TCAS) II consists of a TPU 67A (Change 7.0) TCAS Processor, replacement of the existing TDR with a TDR-94D Mode S Transponder, reuse of the existing lower TCAS Omni of an existing lower Mode S Antennas, replacement of the existing Transponder Control Panel with a new PS-550 TCAS Control Panel, and replacement of the existing Vertical Speed Indicators (VSI) with new IVA-81D TA/RA/VSI Traffic Displays.

Notes:

N/A

Material List

QTY	Part Number	Description	Source/MFGR
1	066-01146-1211	Processor, TCAS II (TPU 67A)	Honeywell
2	066-01171-2804	Display, VSI/TA (IVA-81D)	Honeywell
1	071-01619-0121	Panel, ATC/TCAS Control (PS-550)	Honeywell
1	071-00097-1000	CM 67A Configuration Module	Honeywell
1	622-9210-008 or 622-9210-007	Transponder, Mode-S (TDR-94D)	Rockwell Collins
1	DMNI50-4-2 or S65-5366-2L	Antenna, ATC (L-Band)	Dorne & Margolin Sensor Systems
1	EMB120-TCAS-901	Kit, Honeywell CAS-67A	B/E Aerospace