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STC Information Sheet

FAA STC: ST03485AT

Master Drawing List: 2-37409-021

Aircraft: Boeing B767-200

Configuration: 1

EMS HSD-400 Satellite Communication (SATCOM) with EMS AMT-3800 Antenna System Installation

Mod. Order: 2-37409-822

AFMS: 2-37409-925

Master Kit List: 2-37409-821

ICA: 2-37409-924

Summary:

The EMS HSD-400 Satellite Communication (SATCOM) system consists of a High Speed Data (HSD) Transceiver installed on an existing shelf in the aft cargo compartment, a Cabin Network Xcelerator (CNX) mounted onto an overhead shear panel, and a Diplexer/Low Noise Amplifier (DLNA) mounted in the overhead adjacent to the AMT-3800 High Gain Antenna (HGA) installed on the upper fuselage between STA 1219.0 and 1263.0. The HSD-400 provides cabin communication (Ethernet LAN/WAN) via the CNX and cabin remote antennas.

Notes:

N/A

Material List

QTY	Part Number	Description	Source/MFGR
1	1252-A-3100	SATCOM HSD-400	EMS
1	1110-A-0501-02	SATCOM CNX	EMS
1	1242-A-0010-01	High Gain Antenna	EMS
1	1242-A-0005	DLNA	EMS
2	S65-5366-31S	Cabin Remote Antenna	Sensor Systems
1	B767-EMS-900	Kit, HSD SATCOM	B/E Aerospace