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STC Information Sheet

FAA STC: ST03983AT

Master Drawing List: 2-106975-001

Aircraft: Boeing B777-200/-200LR/-300/-300ER/F

Configuration: 1

Cobham HGA-7001 Satellite Communication (SATCOM) High Gain Antenna Installation

Mod. Order: 2-106975-801

AFMS: N/A

Master Kit List: 2-106975-802

ICA: 2-106975-803

Summary:

The Cobham HGA-7001 Satellite Communication (SATCOM) High Gain Antenna installation consists of replacing the existing CMC Electronics CMA-2102 SATCOM Antenna, replacing the existing Diplexer/Low Noise Amplifier (D/LNA) with a new F Type D/LNA, and replacing the existing Beam Steering Unit (BSU) with a new Beam Steering Replacement Unit (BSRU).

Notes:

* Kit includes HGA-7001 Antenna, Tail Cap Assembly, and Antenna Mounting Hole Sealing Kit.

Material List

QTY	Part Number	Description	Source/MFGR
1	804-10-0015*	Kit, Antenna HGA-7001	Cobham
1	804-10-0025	D/LNA	Cobham
1	804-10-0030	Antenna Coax Cable Assembly	Cobham
1	B777-HGA-900	Kit, HGA-7001 Antenna Sub-System	B/E Aerospace