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STC Information Sheet

FAA STC: ST03722AT

Master Drawing List: 2-71976-001

Aircraft: Bombardier CL-600-2B19 (CRJ-100/-200/-440 Series)

Configuration: 1

Rockwell Collins 8.33 kHz Very High Frequency (VHF) Communication System Installation

Mod. Order: 2-71976-801

AFMS: 2-71976-803

Master Kit List: N/A

ICA: 2-71976-902

Summary:

This Rockwell Collins 8.33 kHz Very High Frequency (VHF) Communication System installation entails replacing the existing Radio Tuning Units (RTU) with new 8.33 kHz capable RTUs, replacing the existing Input/Output Concentrator (IOC) units with new IOC units, and replacing the VHF Comm Transceivers with new VHF Comm Transceivers.

This STC assumes the A/C have complied with Bombardier Service Bulletin # 601R-31-022 (EICAS 2000 upgrade) and upgraded their Flight Management Systems (FMS) with FMS Card P/N 822-0783-006 or later part number.

Notes:

* -006 or higher are acceptable alternates.

** replaces existing RTU P/N 622-9852-006

*** replaces existing RTU P/N 622-9852-106

Material List

| QTY | Part Number | Description | Source/MFGR |
|-----|--------------------------------------|---------------------------------|------------------|
| 2 | 822-1115-001 | VHF COM Transceiver | Rockwell Collins |
| 4 | 622-9814-005* | Input/Output Concentrator (IOC) | Rockwell Collins |
| 1 | 822-1121-001 | Standby Tune Control Unit | Rockwell Collins |
| 2 | 622-9852-108** or 622-9852-208*** | Radio Tuning Unit | Rockwell Collins |