

STC Information Sheet

FAA STC: ST03843AT

Master Drawing List: 2-88509-001

Aircraft: Boeing B757-200

Configuration: 1

Rockwell Collins CMU-900 ACARS Installation

Mod. Order: 2-88509-801

AFMS: 2-88509-807

Master Kit List: 2-88508-803

ICA: 2-88508-806

Summary:

The Rockwell Collins CMU-900 Aircraft Communication Addressing and Reporting System (ACARS) consists of a Communication Management Unit (CMU), an Aircraft Personality Module (APM), and a Very High Frequency (VHF) Transceiver installed in the avionics compartment, and a VHF antenna installed on the lower aft fuselage.

Notes:

* contains CMU-900 Core Software 832-9548-001, VMDATA Software 815-7296-003, and AOC (AOCDTA) Software 815-3179-B05.

Material List

QTY	Part Number	Description	Source/MFGR
1	822-1239-151	CMU-900, ACARS CMU	Rockwell Collins
1	822-1287-101	VHF-2100, VHF Transceiver	Rockwell Collins
1	822-1424-001	APM-900, APM Module	Rockwell Collins
1	S65-8262-2 OR DMC50-17	VHF Antenna	Sensor Systems Dorne & Margolin
1	831-6587-012*	Disk (1), programming data, CMU-900 Core Software, Custom VM Data, Standard AOC	Rockwell Collins
1	B757-ACARS-903	Kit, B757 ACARS	Woven Electronics, LLC

STC Information Sheet

Aircraft: Boeing B757-200

Configuration: 2

Rockwell Collins CMU-900 ACARS Installation

Mod. Order: 2-88509-802

AFMS: 2-88509-807

Master Kit List: 2-88508-803

ICA: 2-88508-806

Summary:

The Rockwell Collins CMU-900 Aircraft Communication Addressing and Reporting System (ACARS) consists of a Communication Management Unit (CMU) and an Aircraft Personality Module (APM) installed in the avionics compartment. This configuration assumes an existing Center Very High Frequency (VHF) Transceiver system.

Notes:

* contains CMU-900 Core Software 832-9548-001, VMDATA Software 815-7296-003, and AOC (AOCDTA) Software 815-3179-B05.

Material List

QTY	Part Number	Description	Source/MFGR
1	822-1239-151	CMU-900, ACARS CMU	Rockwell Collins
1	822-1424-001	APM-900, APM Module	Rockwell Collins
1	831-6587-012*	Disk (1), programming data, CMU-900 Core Software, Custom VM Data, Standard AOC	Rockwell Collins
1	B757-ACARS-903A	Kit, B757 ACARS	Woven Electronics, LLC

STC Information Sheet

Aircraft: Boeing B757-200

Configuration: 3

Rockwell Collins CMU-900 ACARS Installation

Mod. Order: 2-117416-801

AFMS: 2-117416-805

Master Kit List: 2-117416-802

ICA: 2-117416-804

Summary:

The Rockwell Collins CMU-900 Aircraft Communication Addressing and Reporting System (ACARS) consists of a Communication Management Unit (CMU) and an Aircraft Personality Module (APM) installed in the avionics compartment, replacing the existing Very High Frequency (VHF) Transceivers with VHF Data Radios (VDR), installation of a third Radio Tuning Panel (RTP) and finally replacement of the existing Cockpit Voice Recorder (CVR) with a Solid State Cockpit Voice Recorder (SSCVR). This configuration assumes an existing Center Very High Frequency (VHF) Transceiver system.

Notes:

* contains CMU-900 Core Software 832-9548-012, VM DATA Software 815-4546-008, and AOC (AOCDTA) Software 832-9929-104.

Material List

QTY	Part Number	Description	Source/MFGR
1	822-1239-151	CMU-900 (ARINC 758)	Rockwell Collins
1	822-1424-001	APM-900	Rockwell Collins
3	822-1287-101	VHF-2100E (VDR)	Rockwell Collins
1	G7404-128	Radio Tuning Panel	Gables Eng.
1	980-6032-001	HFR5-V SSCVR	Honeywell
1	831-6587-014*	Disk, programming data, CMU-900 Core Software, Custom VM Data, Standard AOC.	Rockwell Collins
1	B757-CPDLC-902	Kit, CPDLC & Data Link	Woven Electronics, LLC