

## STC Information Sheet

**FAA STC:** ST04194AT

**Master Drawing List:** 2-128822-001

**Aircraft:** Boeing B757-300

**Configuration:** 1

Rockwell Collins Aircraft Communication, Addressing & Reporting System (ACARS) with Datalink Communication

**Mod. Order:** 2-128822-801

**AFMS:** 2-128822-807 (ACARS)  
2-128822-808 (CVR)

**Master Kit List:** 2-128822-802

**ICA:** 2-128822-806

**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, replacement of the existing Center Very High Frequency (VHF) Communication Transceiver, a Multi-Function Data Printer installed in the pedestal, and replacement of the Cockpit Voice Recorder (CVR) and Panel with a Solid State Cockpit Voice Recorder (SSCVR) and associated Cockpit Voice Recorder Microphone Monitor Panel (CVRMMP) capable of recording datalink messages.

**Notes:**

This configuration is for aircraft with existing ACARS provisions and supports CPDLC. Requires incorporation of Boeing EICAS Service Bulletin.

- (1) Configuration 3 of the STC allows for alternate Cockpit Data Printer installation.

**Material List**

QTY	Part Number	Description	Source/MFGR
1	822-1239-151	Communications Management Unit (CMU-900)	Rockwell Collins
1	822-1424-001	Aircraft Personality Module (APM-900)	Rockwell Collins
1	822-1287-101	VHF Data Transceiver (VHF-2100)	Rockwell Collins
1	2100-1025-22	Cockpit Voice Recorder (FA2100)	L3 Communications
1	S152-0040-00	CVR Microphone Monitor Panel	L3 Communications
1	8055515-4506 <sup>(1)</sup>	Cockpit Data Printer (PTA-45B)	Honeywell
1	810-0264-352	ACARS Software Diskette Set	Rockwell Collins
1	386-0217-000 or B757-CPDLC-900	Top Kit, B757 ACARS PM-CPDLC	Rockwell Collins Woven Electronics, LLC



## STC Information Sheet

**Aircraft:** Boeing B757-200

**Configuration:** 2

Rockwell Collins Aircraft Communication, Addressing & Reporting System (ACARS) with Datalink Communication

**Mod. Order:** 2-156380-801

**AFMS:** 2-128822-807 (ACARS)  
2-128822-808 (CVR)

**Master Kit List:** 2-156380-802

**ICA:** 2-156380-806

### 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, and replacement of the existing Center Very High Frequency (VHF) Communication Transceiver.

### Notes:

This configuration is for aircraft with existing ACARS provisions and FANS 1 compliant. Requires incorporation of Boeing EICAS Service Bulletin.

- (1) Installed per Configuration 3 of the STC.
- (2) Existing equipage required for FANS 1 compliance.

### Material List

QTY	Part Number	Description	Source/MFGR
1	822-1239-151	Communications Management Unit (CMU-900)	Rockwell Collins
1	822-1424-001	Aircraft Personality Module (APM-900)	Rockwell Collins
1	822-1287-101	VHF Data Transceiver (VHF-2100)	Rockwell Collins
1	902256-111 <sup>(1)</sup> or 902256-211 <sup>(1)</sup>	Cockpit Data Printer (NP-4840)	VT Miltope
1	832-9549-012	ACARS Software Diskette Set	Rockwell Collins
2 <sup>(2)</sup>	822-0990-004	HF Voice/Data Transceiver (HFS-900D)	Rockwell Collins
1 <sup>(2)</sup>	804-0520-XX	SATCOM Transceiver	Avionica
1	386-0221-000 or B757-CPDLC-903	Top Kit, B757 ACARS PM-CPDLC	Rockwell Collins Woven Electronics, LLC



## STC Information Sheet

**Aircraft:** Boeing B757-200/-300

**Configuration:** 3

Rockwell Collins Aircraft Communication, Addressing & Reporting System (ACARS) with Datalink Communication

**Mod. Order:** 2-156380-810

**AFMS:** 2-128822-807 (ACARS)

**Master Kit List:** 2-128822-802 (Config. 1)

**ICA:** 2-128822-806 (Config. 1)

2-156380-802 (Config. 2)

2-156380-806 (Config. 2)

### Summary:

This configuration installs a VT Miltope NP-4840 Cockpit Data Printer in the pedestal.

### Notes:

N/A

### Material List

QTY	Part Number	Description	Source/MFGR
1	902256-111 <sup>(1)</sup> or 902256-211 <sup>(1)</sup>	Cockpit Data Printer (NP-4840)	VT Miltope