

STC Information Sheet

EASA STC: 10048649

Modification Summary: MOD-1446

FAA STC: ST03952NY

Aircraft: Boeing B737-600/-700/-700C/-800/-900/-900ER

Configuration: 1

Rockwell Collins Aircraft Communication, Addressing & Reporting System (ACARS) with PM-CPDLC

Mod. Order: 2-128951-801

AFMS: FMA-1446-106

Master Kit List: 2-128951-802

ICA: ICA-0682-0001

Summary:

The Rockwell Collins CMU-900 Aircraft Communication Addressing and Reporting System (ACARS) with PM-CPDLC 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 Cockpit Data Printer installed in the pedestal or F/O aux panel, and replacement of the Cockpit Voice Recorder (CVR) and Panel with a Solid State Cockpit Voice Recorder (SSCVR) and associated Cockpit Voice Recorder Control Panel / Microphone Assembly capable of recording datalink messages.

Notes:

This configuration is for aircraft with and without existing ACARS provisions and requires, at minimum, VHF 3 antenna structural provisions. Requires incorporation of Boeing DEU ACARS and ATC/ATS annunciation Service Bulletin.

- (1) Or later approved software version. Part number is top level part number of disk set and is dependent on VMDTA software part number
- (2) SSCVR installation is optional for Datalink Recording, as long as a means of compliance with EASA CRI F01 is installed.
- (3) Required for aircraft not equipped with aircraft data printer.
- (4) If required.

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	810-0264-XXX ⁽¹⁾	CMU-900 Combined Load for Link 2000+	Rockwell Collins
1	822-1287-101	VHF Data Transceiver (VHF-2100)	Rockwell Collins

STC Information Sheet

Material List (cont'd)

QTY	Part Number	Description	Source/MFGR
1	980-6032-001 ⁽²⁾	Cockpit Voice Recorder (HFR5-C)	Honeywell
1	980-6116-001 ⁽²⁾	Control Panel/Microphone Assy	Honeywell
1	8055515-4507 ⁽³⁾	Cockpit Data Printer (PTA-45B)	Honeywell
1	S65-8262-2 ⁽⁴⁾	Antenna, VHF	Sensor Systems
1	B737-CPDLC-900	Top Kit, B737 Rockwell-Collins CPDLC	Woven Electronics, LLC



STC Information Sheet

EASA STC: 10048649

Master Data List: MDL-2084

FAA STC: ST03952NY

Aircraft: Boeing B737-8/-9/-8200

Configuration: 2

Rockwell Collins Aircraft Communication, Addressing & Reporting System (ACARS) with PM-CPDLC

Mod. Order: 2-245792-801

AFMS: FMA-1446-106

Master Kit List: 2-245792-802

ICA: ICA-2084-001

Summary:

The Rockwell Collins CMU-900 Aircraft Communication Addressing and Reporting System (ACARS) with PM-CPDLC consists of a Communication Management Unit (CMU) and an Aircraft Personality Module (APM) installed in the avionics compartment, and, if necessary, replacement of the Cockpit Voice Recorder (CVR) with a Solid State Cockpit Voice Recorder (SSCVR) capable of recording datalink messages.

Notes:

This configuration is for aircraft with and without existing ACARS provisions and requires, at minimum, VHF 3 antenna structural provisions. Requires incorporation of Boeing DEU ACARS and ATC/ATS annunciation Service Bulletin.

- (1) Part number is top level part number of disk set and is dependent on VMDTA software part number
- (2) SSCVR installation is optional for Datalink Recording, as long as a means of compliance with EASA CRI F01 is installed.

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	831-6605-016 ⁽¹⁾	CMU-900 Software Diskette	Rockwell Collins
1	980-6032-003 ⁽²⁾ or 69004751-001	Cockpit Voice Recorder (HFR5-C)	Honeywell
1	B737-CPDLC-900W or 386-0198-023	Top Kit, B737 Rockwell-Collins CPDLC	Woven Electronics, LLC Rockwell Collins