



STC Information Sheet

FAA STC: ST04421AT

Master Drawing List: 2-153883-001

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

Configuration: 1

Honeywell MK II Aircraft Communication, Addressing, and Reporting System (ACARS) with Data Link Communication Function

Mod. Order: 2-153882-801

AFMS: 2-153882-807

2-153882-808

Master Kit List: 2-153882-802

ICA: 2-153882-806

Summary:

The Honeywell MK II 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 Data Printer installed in the P8 or P23 panels, 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 and without existing ACARS provisions and requires an existing VHF 3 system.

- (1) Operational software (OPS) consists of six diskettes loaded with the following:
 - a. Core Software – 998-6063-521
 - b. Application Software – 998-6092-521
- (2) The database software is user modifiable software. It is acceptable to install a later released version of the software.
- (3) AOC database software consists of one diskette loaded with the following:
 - a. AOC Software – 69000740-505.
- (4) ATC database software consists of one diskette loaded with the following:
 - a. ATC Software – 69001264-502.

Material List

QTY	Part Number	Description	Source/MFGR
1	965-0758-006	Communications Management Unit (MK II)	Honeywell
1	964-0465-001	Aircraft Personality Module (APM)	Honeywell
1	963-2431-021 ⁽¹⁾	Software Diskette, ACARS OPS	Honeywell
1	963-0101-052 ⁽²⁾⁽³⁾	Software Diskette, AOC Database	Honeywell

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Material List (cont'd)

QTY	Part Number	Description	Source/MFGR
1	963-0101-204 ⁽⁴⁾	Software Diskette, ATC Database	Honeywell
1	965-1696-021	VHF Data Transceiver (RTA-50D)	Honeywell
1	980-6032-003	Cockpit Voice Recorder (HFR5-V)	Honeywell
1	980-6116-001	Cockpit Voice Recorder Microphone Monitor Panel (CVRMMP)	Honeywell
1	8055515-4507	Cockpit Data Printer (PTA-45B)	Honeywell
1	B737-CPDLC-903	Top Kit, CPDLC Installation	Woven Electronics, LLC