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

STC Information Sheet

Material List (cont'd)

QTY	Part Number	Description	Source/MFGR
1	963-2431-021 [1]	Software Diskette, ACARS OPS	Honeywell
1	963-0101-052 [2][3]	Software Diskette, AOC Database	Honeywell
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	B/E Aerospace