United States of America
Department of Transportation -- Federal Aviation Administration

Supplemental Type Certificate

Number ST03205AT

This certificate issued to: EAD Inc.
5458 North Magnolia
Chicago, IL 60640

certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part 25 *of the* Federal Aviation *Regulations.*

Original Product - Type Certificate Number: A6WE

Make: McDonnell Douglas

Model: MD-82

Description of Type Design Change:
Installation of a Rockwell Collins CMU-900 Communications Management Unit, VHF-920 VDL Mode 2 Radio, Gables Mode 2 VDR control panel and ACARS TP 4429 Printer to provide Controller Pilot Data Link Communications (CPDLC) Baseline 1 services in accordance with EAD Aerospace Master Data List document number 01049-FAA-A-MDL, Revision C, dated 19 December 2005, or later FAA approved revision.

Limitations and Conditions:
This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated, unless it is determined by the installer that the interrelationship between this change and any other previously approved modifications will produce no adverse effect upon the airworthiness of that airplane. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission. Airplane Flight Manual Supplement EAD Aerospace document number 01049-FAA-A-AFM-01 is a required part of this STC.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: August 8, 2005

Date reissued: January 27, 2009

Date of issuance: January 18, 2006

Date amended:

By direction of the Administrator

Original signed by Harvey E. Nero

(*Signature*)

Harvey E. Nero
Program Manager
Wichita Aircraft Certification Office
(*Title*)

Any alteration of this certificate is punishable by a fine of not exceeding $1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with FAR 21.47.