

Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

Number **ST00021SE**

This certificate, issued to: **Rockwell Collins Aerospace and Electronics, Inc.
27300 SW Parkway Avenue
Wilsonville, OR 97070**

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

Original Product—Type Certificate Number: **A16WE**
Make: **The Boeing Company**
Model: **737-300/-400/-500 Series*
737-600/-700/-700C/-700IGW/-800/-900 Series****

Description of the Type Design Change:

* 737-300/-400/-500: Installation of the Model 2300 Head-Up Display Guidance System (HGS), "PARTIAL PROVISIONS ONLY" in accordance with Flight Dynamics (FD) Installation Drawing List 9701-0861, Revision W, dated April 9, 1997, or later FAA approved revisions.

** 737-600/-700/-700C/-700IGW/-800/-900: Installation of the HGS Model 2350, "PARTIAL PROVISIONS ONLY" in accordance with Flight Dynamics Installation Drawing List 9701-1001, Revision T, dated May 7, 2001, or later FAA approved revisions.

** 737-600/-700/-700C/-700IGW/-800/-900: Installation of the HGS Model 4000, "PARTIAL PROVISIONS ONLY" in accordance with Flight Dynamics Installation Drawing List 9701-1010, Revision H, dated May 9, 2001, or later FAA approved revisions.

Limitations and Conditions: (See Page 3 for Limitations and Conditions)

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: May 4, 1992 *Date reissued:* April 16, 2003; January 21, 2010
Date of issuance: September 3, 1993 *Date amended:* 9/30/94; 2/13/96; 11/10/97; 11/18/97;
7/15/98; 11/1/99; 5/9/01; 5/21/01; 4/16/03



By direction of the Administrator

(Signature)

Acting Manager, Seattle 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.

Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

(Continuation Sheet)

Number **ST00021SE**

Rockwell Collins Aerospace and Electronics, Inc.
Flight Dynamics Division

Reissued: April 16, 2003, January 21, 2010

Amended: 9/30/94; 2/13/96; 11/10/97; 11/18/97; 7/15/98; 11/1/99; 5/9/01; 5/21/01; 4/16/03

Limitations and Conditions:

Approval of this change in type design applies to above model aircraft only. A copy of this Certificate, Continuation Sheet, and the FAA Approved Airplane Flight Manual Supplement (AFMS) must be maintained as a part of the permanent records for the modified aircraft. This approval should not be extended to other aircraft of these models on which other previously approved modifications are incorporated unless it is determined that the relationship between this change and other previously approved modifications will introduce no adverse effect upon the airworthiness of that aircraft.

The HGS circuit breakers must be collared and the wires connected to these circuit breakers must be capped and stowed. Line Replaceable Units (LRU) for the Overhead Unit, HGS Control Panel, HGS Computer, Combiner, and Drive Electronics Unit must be removed from the aircraft as part of this STC. The HGS annunciator must be removed or placarded "HGS INOP" per FD drawing 9762-0825.

An Electromagnetic Interference and CAT II Functional Test must be performed after removal of the above LRU's for any systems which were affected by this HGS STC.

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.

-END-