

United States of America
Department of Transportation -- Federal Aviation Administration
Supplemental Type Certificate

Number ST01825AT

This certificate issued to

Ministerio De Defensa, Ejercito del Aire – MALOG/DMA
4801 Wisconsin Avenue NW, Suite 300
Washington, DC 20016-4634

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: 4A26
Make: Boeing
Model: 707-300

Description of Type Design Change:

Upgrade of FDR System. The upgrade consists of the replacement of the existing Flight Data Recorder (FDR) with a new Digital Flight Data Recorder (DFDR) capable of recording additional parameters. The new DFDR is the Sundstrand (Allied Signal) P/N 980-4100-GQUS. The upgrade also includes the installation of sensor/transmitters to show the position of the required flight control inputs and control surfaces. These sensors/transmitters are the Bourns, Sensor Control Div. P/N 3435S520-102 (Potentiometer) and Astro Instruments P/N 60B40042-3 (Synchro Transmitter). Installation of this upgrade is in accordance with JOSSAIR Master Document List, Doc. No. 70E3130010, Rev. A, dated 1-22-99 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 of those 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. FAA approved Airplane Flight Manual Supplement (AFMS) dated February 04, 1999, 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: October 27, 1998

Date reissued: June 07, 2005

Date of issuance: February 04, 1999

Date amended:



By direction of the Administrator

(Signature)

Melvin D. Taylor
Manager,
Atlanta 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.