United States of America

Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

This certificate has been reissued to replace the original certificate reported as lost.

Number SA5115NM

This certificate, issued to

Aviation Technical Services
3121 109th Street SW
Everett, WA 98204-3500

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: A16WE
Make: Boeing
Model: 737-300

Description of the Type Design Change: Installation of a Collins Traffic Alert and Collision Avoidance Systems (TCAS II) Transmitter/Receiver with Honeywell TA/RA/IVSI's in accordance with Tramco Top Drawing 90-114, Revision C, dated January 18, 1995 or later FAA-approved revisions.

Limitations and Conditions: Approval of this change in type design applies to the above model aircraft only. 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 introduce no adverse effect upon the airworthiness of the aircraft. A copy of this Certificate and FAA Approved Flight Manual Supplement must be maintained as part of the permanent records for the modified aircraft.

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: September 7, 1990
Date of issuance: February 4, 1991
Date reissued: November 2, 2018
Date amended: May 12, 1995

FEDERAL AVIATION ADMINISTRATION

By direction of the Administrator

(Signature)

Manager, Seattle ACO Branch
(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 or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).This certificate may be transferred in accordance with FAR 21.47.