

Supplemental Type Certificate

Number SA01457LA

This Certificate issued to AUTRONICS CORPORATION
12701 Schabarum Avenue
Irwindale, California 91706

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. *Certification basis is set forth in Type Certificate Data Sheet A16WE*

Original Product Type Certificate Number: A16WE

Make: The Boeing Company

Model: 737-300 Series

Description of Type Design Change: Installation of Lower Cargo Smoke Detection and Fire Suppression System in accordance with FAA Approved Master Drawing List 121-0371, Revision "E", dated June 4, 2003, or later FAA approved revision. FAA Approved Airplane Flight Manual Supplement, Document No. 121-0368, Revision "Original", dated June 3, 2003 or later FAA approved revision required as part of this installation.

Limitations and Conditions: The installation should not be incorporated in any aircraft unless it is determined that the interrelationship between this installation and any previously approved configuration will not introduce any adverse effect upon the airworthiness of the aircraft. The approval of this modification applies to the above noted airplane model series only. A copy of this STC must be included in the permanent records of the modified aircraft. 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. The fire suppression has been demonstrated to meet point-to-point concentration levels for a flight duration of 60 minutes. (Continued Page 3 of 3)

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: December 13, 2002

Date reissued: August 29, 2003

Date of issuance: June 6, 2003

Date amended:



By direction of the Administrator

(Signature)
Manager, Technical & Administrative Support
Staff, Los Angeles 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.

United States Of America
Department of Transportation - Federal Aviation Administration
Supplemental Type Certificate
(Continuation Sheet)

Number SA01457LA

Limitations and Conditions (Continued)

This system is applicable only to aircraft with lower forward and aft cargo compartment configurations as defined in the Autronics Drawing Number 98-2129, Revision "A" dated October 18, 2002, or later FAA approved revision.

The installation includes a smoke detection system with A and B loop circuits for smoke detection in lower cargo compartments and the following applies:

The A and B dual loop system, has been demonstrated to comply with the applicable airworthiness requirements with only one loop circuit operational, either A or B loop. All smoke detectors in either single A or B loop operating circuit will detect and report smoke as demonstrated in Autronics Report Number 121-0412 Revision "NC", dated May 1, 2003, and Autronics Report Number 121-0416, Revision "NC", dated May 3, 2003.

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