

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

*Number* SA04046CH

*This certificate issued to*

L-3 Communications Avionics Systems, Inc.  
5353 52<sup>nd</sup> Street, S.E.  
Grand Rapids, MI 49512-9704

*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 23 of the Federal Aviation Regulations.*

*Original Product--Type Certificate Number* \* \* See attached Federal Aviation Administration (FAA) Approved Model List (AML) number SA04046CH for approved airplane models and applicable airworthiness regulations.  
*Make:* \*  
*Model:* \*

*Description of Type Design Change:*

Installation of L-3 GENESIS™ Electronic Standby Instrument System (ESI-500/MAG-500) in accordance with Dan Buzz & Associates Master Data List Document No. DB1502025, Revision B, dated December 2, 2015, or later FAA approved revision.

*Limitations and Conditions:*

- 1) The installer must determine whether this design change is compatible with previously approved modifications.
- 2) If the holder agrees to permit another person to use this certificate to alter a product, the holder must give the other person written evidence of that permission.
- 3) FAA approved Airplane Flight Manual Supplement (AFMS) as listed on the AML number SA04046CH, or later FAA approved revision, is required on board the modified aircraft.
- 4) A copy of this Certificate and FAA Approved Model List (AML) number SA04046CH, issued December 30, 2015, or later FAA approved revision, 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:* March 11, 2015

*Date reissued:* January 19, 2016

*Date of issuance:* December 30, 2015

*Date amended:*



*By direction of the Administrator*

(Signature)

Steven L. Lardinois  
Manager, Systems and Flight Test Branch  
Chicago 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.