

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

*Number* **ST02524LA**

*This Certificate issued to* Aviation Communication & Surveillance Systems  
19810 North 7<sup>th</sup> Avenue  
Phoenix, AZ 85027-4400

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:* \* See attached Approved Model List (AML)

*Make* No. ST02524LA for list of approved aircraft

*Model* Models and applicable airworthiness regulations

*Description of Type Design Change:* Installation of TCAS version 7.0 in accordance with FAA approved AML No. ST02524LA, dated December 10, 2014, or later FAA approved revision.

*Limitations and Conditions:* This 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 record 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.

*(Continued On Page 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:* June 11, 2014

*Date reissued:*

*Date of issuance:* December 10, 2014

*Date amended:*



*By direction of the Administrator*

(Signature)

Manager, Systems & Equipment Branch  
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.*

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Regional Office of the transfer of this Supplemental Type Certificate.

The FAA will reissue the certificate in the name of the transferee and forward it to him.

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### TRANSFER ENDORSEMENT

Transfer the ownership of Supplemental Type Certificate Number \_\_\_\_\_

to *(Name of transferee)* \_\_\_\_\_

*(Address of transferee)* \_\_\_\_\_  
*(Number and street)*

\_\_\_\_\_  
*(City, State, and ZIP Code)*

from *(Name of grantor) (Print or type)* \_\_\_\_\_

*(Address of grantor)* \_\_\_\_\_  
*(Number and street)*

\_\_\_\_\_  
*(City, State, and ZIP Code)*

Extent of Authority (if licensing agreement): \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Date of Transfer: \_\_\_\_\_

Signature of grantor *(In ink)*: \_\_\_\_\_

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

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# Supplemental Type Certificate

(Continuation Sheet)

Number **ST02524LA**

## *Limitations and Conditions (Continued)*

The complete ACSS Change 7.0 TCAS system, with Mode S Transponders, must have been installed and certified prior to this alteration.

Eligible Aircraft must be listed on the Approved Model List.

This STC is applicable only to those TCAS LRU part numbers indicated in Table 1 of AD 2012-02-08 (included in Appendix A of this MDL)

This STC does not provide for any changes to the TCAS interfacing equipment.

See section 7 of the MDL for specific information on compliance to AD 2012-02-08.

## *Certification Basis*

Based on 14 CFR §§ 21.115 and 21.101, and FAA order 8110.48, the type certification basis for the applicable aircrafts models are listed in the FAA approved AML No. ST02524LA for parts changed or affected by the change. Based on 14 CFR §§ 21.101(g), applicable provisions of 14 CFR part 26 are included in the certification basis. For any future part 26 amendments, the holder of this STC must demonstrate compliance with the applicable sections. As of the issuance date of this STC, compliance has been found for the following regulations 14 CFR §§ 26.11, (Amdt. No. 26-0).

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