



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number: *ST03912AT*

This certificate issued to: *B/E Aerospace*
3110 Commerce Parkway
Miramar, FL 33025

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: A53EU

Make: ATR-GIE Avions de Transport Regional
Model: ATR42 Series, ATR72 Series

Description of Type Design Change:

Installation of a TCAS System into an ATR42/72 Series Aircraft and associated hardware in accordance with Master Drawing List 2-84928-001 Revision B dated March 4, 2011 or later FAA approved drawing revisions.

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 other previously approved modifications will produce no adverse effect upon the airworthiness of that airplane.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, and revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of Application: April 19, 2010

Date Reissued: February 05, 2015

Date of Issuance: March 11, 2011

Date Amended:

By Direction of the Administrator

Signature _____

Title *Melvin D. Taylor, Manager*
Atlanta Aircraft Certification Office

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).



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INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Aircraft Certification 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.

Transfer Endorsement

Transfer the ownership of Supplemental Type Certificate Number: ST03912AT

To (Name and address of transferee)

From (Name and address of grantor)

Extent of Authority (if licensing agreement):

Date of transfer:

Signature of grantor: _____

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(Continuation Sheet)
Number: ST03912AT

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 for the T²CAS System, 2-84928-804, revision IR, dated March 11, 2011, or later FAA approved revision is a required part of this STC.

Instructions for Continued Airworthiness (ICA), EMTEQ Engineering Document No. 2-84928-805, Rev. B, dated March 4, 2011, or later FAA accepted revision must be made available to the operator at the time of installation.

Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for the ATR42/72 aircrafts is as follows:

- a. The type certification basis for ATR42/72 airplanes is shown on TCDS A53EU for parts not changed or not affected by the change.
- b. The certification basis for parts changed or affected by the change since the reference date of application, April 19, 2010 is based upon Part 25 as amended by Amendment 25-129. Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for this modification was determined to be:

Regulations at the latest amendment 25-0 through 25-129

Regulations at an intermediate amendment 25-0 through 25-122

25.23, 25.301, 25.303, 25.305, 25.307, 25.561, 25.571, 25.581, 25.601, 25.603, 25.609, 25.611, 25.613, 25.625, 25.863, 25.869, 25.1301, 25.1303, 25.1309, 25.1321, 25.1322, 25.1331, 25.1333, 25.1351, 25.1353, 25.1355, 25.1357, 25.1381, 25.1431, 25.1529, 25.1581

Regulations at the amendment level in TCDS A53EU

14 CFR Part 26 Regulations

Based on 14 CFR §21.101(g), applicable provision of 14 CFR part 26 are included in the certification basis. For any future 14 CFR 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 regulation: 14 CFR §26.11 and 14 CFR §26.47.

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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. 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).