



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number **ST11131SC**

This certificate issued to: Pratt & Whitney Engine Services, Inc
249 Vanderbilt Avenue
Norwood, MA 02062

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 Régional
Model: ATR42-500, ATR72-212 and ATR72-212A Series

Description of Type Design Change:

Installation of a Pratt & Whitney flight data acquisition, storage and transmission system (FAST) in accordance with “Data List, Design Data for ATR42-500, ATR72-212 & ATR72-212A Series,” document no. GN4-T-102-3, revision D, dated 10/1/14 or later FAA approved revision; “Airplane Flight Manual Supplement for Model ATR42-500, ATR72-212 & ATR72-212A Series Aircraft,” document no. GN4-T-250-3, revision B, dated October 1, 2014 or later FAA approved revision; and, “Instructions for Continued Airworthiness for ATR42-500, ATR72-212 & ATR72-212A Series,” document no. GN4-T-260-4, revision C, dated 10/1/14 or later FAA accepted 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. The FAA has reviewed the applicant’s assessment showing that this modification does not impact the existing electrical wiring interconnection system instructions for continued airworthiness (EWIS ICA) and found that no additional EWIS ICA tasks are required.

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: June 11, 2014
Date of issuance: October 16, 2014

Date reissued:
Date amended:

By direction of the Administrator

Signature _____
Title DRB Aviation Lead ODA Administrator
ODA-831473-SW

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)

**SUPPLEMENTAL TYPE CERTIFICATE, FAA FORM 8110-2
(CONTINUED)**

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: ST11131SC

To *(Name of transferee)*

(Address of transferee)

(Number and street)

(City, State, and ZIP Code)

From *(Name of grantor)*

(Address of grantor)

(Number and street)

(City, State, and ZIP Code)

Extent of Authority *(if licensing agreement):*

Date of Transfer:

Signature of grantor:



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Supplemental Type Certificate

(Continuation Sheet)

Number ST11131SC
Date of Issuance October 16, 2014

New certification basis: 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 ATR - GIE Avions de Transport Régional ATR42-500, ATR72-212 and ATR72-212A Series modified by installing a Pratt & Whitney flight data acquisition, storage and transmission system (FAST) is as follows:

- a. The type certification basis for ATR - GIE Avions de Transport Régional ATR42-500, ATR72-212 and ATR72-212A series 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, June 11, 2014, include:

Regulations at the latest amendment 25-0 through 25-138

14CFR 25.853(a), 25.981(a)(3)(d), 23.1301(a), 23.1307(c), 25.1309(a)(b)(d)(e), 25.1317(c), 25.1351(a)(1)(d), 25.1353(a)(b)(d), 25.1357(a)(c), 25.1431(a)(b)(c)(d), and 25.1581.

Regulations at an intermediate amendment

14CFR 25.869(a)(4) (amd 25-72).

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