

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

Number **ST03930AT**

This certificate issued to Concorde Battery Corporation
105 Fox Lake Court
Winston-Salem, NC 27106

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: A53EU
Make: Avions de Transport Régional (ATR)
Model: ATR42 Series; ATR72 Series

Description of Type Design Change: Installation of a Lead Acid Battery as a replacement for the existing Nickel-Cadmium Battery in accordance with Concorde Master Drawing List (MDL) 5-0372, Rev. C, Dated June 20, 2011 or later FAA approved revision.

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 determine 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. 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 [to the ATR42 and ATR72] for the Installation of a Lead Acid Battery, 5-0374, Revision NC, Dated September 8, 2011, or later FAA approved revision, is a required part of this STC.

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: August 20, 2010

Date reissued:

Date of issuance: September 8, 2011

Date amended:

By direction of the Administrator



(Signature)

Melvin D. Taylor
Manager,
Atlanta Aircraft Certification Office

(Title)

Supplemental Type Certificate

(Continuation Sheet)

Number **ST03930AT**

Instructions for Continued Airworthiness (ICA), Concorde Document No. 5-0171, Rev. F, Dated April 15, 2010, 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 Aerospatiale ATR42/72 aircraft is as follows:

- a. The type certification basis for Aerospatiale ATR42/72 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, August 20, 2010, is based upon part 25 as amended by Amendment 25-129. Based on 14 CFR §§ 21.115 and 21.101, and the FAA's 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

None

Regulations at an intermediate amendment

None

Regulations at the amendment level in TCDS A53EU

25.1301, 25.1309, 25.1353, 25.1529

Part 26 Regulations

As of the issuance date of this STC, compliance has been found for the following regulation:
14 CFR §26.11

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