

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

Number ST03089NY

This certificate issued to BE Aerospace, Inc. DBA SMR Technologies, Inc.
93 Nettie Fenwick Rd
Fenwick, WV 26202

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: A31SO

Make: Empresa Brasileira de Aeronautica S. A. (EMBRAER)

Model: EMB-120, EMB-120RT, EMB-120ER, EMB-120FC, EMB-120QC

Description of Type Design Change:

Replacement of certain Goodrich pneumatic deicer boots in accordance with SMR Technologies, Inc. Pneumatic De-Icer Layout, Embraer 120, 120RT, 120ER, 120FC, 120QC, Document No. SMR5135, revision 4, dated May 15, 2012, and detail design as listed on Master Drawing List MDL-0055, revision E, dated May 15, 2012.

Limitations and Conditions:

1. The Maintenance Instructions for Continued Airworthiness in accordance with Chapter 30 of Embraer Aircraft Maintenance Manual MM-120/1459, Revision 29-28, dated September 2011, is required with this modification.
2. This STC does not require revised Electrical Wiring Interconnection System (EWIS) Instructions for Continued Airworthiness (ICA).
3. The Installer must determine whether this design change is compatible with previously approved modifications.
4. 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.

(See Continuation Sheet 2)

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 22, 2009

Date reissued:

Date of issuance: May 17, 2012

Date amended:

By direction of the Administrator



(Signature)

Gaetano Sciortino
Acting Manager,
New York Aircraft Certification Office

(Title)

Supplemental Type Certificate
(Continuation Sheet)

Number **ST03089NY**

Date of Issuance: May 17, 2012

Certification Basis:

Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for changes that are not significant in FAA Order 8110.48, the certification basis for this modification are as follows:

- The type certification basis for the Embraer EMB-120 series aircraft are type certified under TCDS NO. A31SO for parts not changed or not affected by the change.
- The type certification basis for the Embraer EMB-120 series aircraft are type certified under TCDS NO. A31SO for parts changed or affected by the change with the following 14 CFR exceptions:

14 CFR Section 26.11(c) Amendment 26-0

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