

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

Number ST03994AT

This certificate issued to
Seal Dynamics
13780 McCormick Dr
Tampa, FL 33626

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: T00011AT
Make: EMBRAER
Model: EMB-145, EMB-145ER, EMB-145MR, EMB-145LR,
EMB-135ER, EMB-135LR, EMB-135KE, EMB-135KL,
EMB-135BJ, EMB-145XR, EMB-145MP, EMB-145EP

Description of Type Design Change:

Installation of Bleed Air Coupling Sleeve Kit in accordance with configuration and procedure established in Seal Dynamics Master Document List, Engineering Report Number: SD3132012MDL, Revision IR, dated 02/14/2013, or later FAA approved revisions.

Limitations and Conditions:

The 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.

(Limitations and Conditions continued on page 3 of 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 4, 2012

Date reissued:

Date of issuance: February 21, 2013

Date amended:



By direction of the Administrator

(Signature)

Melvin D. Taylor
Manager, Atlanta Aircraft Certification Office

(Title)

Number

ST03994AT

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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(Continuation Sheet)

(Limitations and Conditions continued from page 1 of 3)

Instructions for Continued Airworthiness (ICA), Seal Dynamics document number SD3132012IFCA, Revision IR, dated 05/23/2012, or later FAA accepted revision must be made available to the operator at the time of installation.

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 Embraer Models noted on the first page of this certificate is shown on TCDS T00011AT, Revision 29, dated 02/18/2011, 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 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 regulations 14 CFR § 26.11 (Amdt. No. 26-0), 14 CFR § 26.21 (Amdt. No. 26-0 through 26-5), 14 CFR § 26.35 (Amdt. No. 26-0 through 26-3), and 14 CFR § 26.47 (Amdt. No. 26-0 through 26-1).

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.

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