

United States of America
Department of Transportation -- Federal Aviation Administration

Supplemental Type Certificate

Number ST03999AT

This certificate issued to Chippewa Aerospace Inc.
490 Allied Drive
Conway, SC 29526

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 : T00011AT
Make : Embraer
Model : EMB-135 and EMB-145 Series

Description of Type Design Change:

Installation of a Single Honeywell HF-1050 HF Communication System in accordance with Chippewa Aerospace Master Drawing List (MDL) No. 145-2312-0001, Rev. 2, Dated March 18, 2013, or later FAA approved revision.

Limitations and Conditions : FAA Approved Airplane Flight Manual Supplement (AFMS) to the Model EMB-135(), Except (BJ) / EMB-145() Series for Honeywell HF-1050 High Frequency Communications System Installation, Chippewa Aerospace Document No. 145-2312-01-1012, Rev. IR, Dated March 29, 2013, or later FAA approved revision, is a required part of this STC. 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. 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.

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 : December 11, 2012

Date reissued :

Date of issuance : March 29, 2013

Date amended :



By direction of the Administrator

for

(Signature)
Melvin D. Taylor
Office Manager
Atlanta Aircraft Certification Office

(Title)

United States of America
Department of Transportation – Federal Aviation Administration
Supplemental Type Certificate
(Continuation Sheet)

Number ST03999AT

Instructions for Continued Airworthiness (ICA), Chippewa Aerospace Inc.
Document No. # 145-2312-01-0002, Rev IR, dated 12/01/2012, 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 the Embraer EMB-135 and EMB-145 Series aircraft is as follows:

- a. The type certification basis for Embraer EMB-135 and EMB-145 Series airplane is shown on TCDS T00011AT 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, December 11, 2012, is based upon part 25 as amended by Amendment 25-136. 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 25-136

§§ 25.111	§§ 25.301	§§ 25.303	§§ 25.305	§§ 25.307	§§ 25.321	§§ 25.365
§§ 25.561	§§ 25.571	§§ 25.601	§§ 25.603	§§ 25.605	§§ 25.607	§§ 25.609
§§ 25.611	§§ 25.613	§§ 25.625	§§ 25.789	§§ 25.869	§§ 25.899	§§ 25.981
§§ 25.1301	§§ 25.1307	§§ 25.1309	§§ 25.1310	§§ 25.1317	§§ 25.1353	§§ 25.1357
§§ 25.1431	§§ 25.1519	§§ 25.1525	§§ 25.1529	§§ 25.1541		

Regulations at the amendment level in TCDS T00011AT

§§ 25.1351

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.

-----END-----