

SUPPLEMENTAL TYPE CERTIFICATE

10067863 REV. 1

This Certificate/Approval is issued by EASA, acting in accordance with Regulation (EU) 2018/1139 on behalf of the European Union, its Member States and of the European third countries that participate in the activities of EASA under Article 129 of that Regulation and in accordance with Commission Regulation (EU) No. 748/2012 to

FTI ENGINEERING NETWORK GmbH

**SCHMIEDESTRASSE 2
15745 WILDAU
GERMANY
EASA.21J.405**

and certifies that the change in the type design for the product listed below with the limitations and conditions specified meets the applicable Type Certification Basis and, if applicable, environmental protection requirements when operated within the conditions and limitations specified below:

Type Certificate Number: EASA.IM.A.032

Type Certificate Holder: EMBRAER S.A.

Type: EMB-145

Model: EMB-135BJ, EMB-135ER

EMB-135LR, EMB-145

EMB-145EP, EMB-145ER

EMB-145EU, EMB-145LR

EMB-145LU, EMB-145MK

EMB-145MP

Description of Design Change:

ADS-B Out for EMB-145 Series

Note: This STC has been updated at Rev. 1 for the definition of an alternate GPS Antenna Position.

EASA Certification Basis:

The Certification Basis for the original product as amended by the following additional or alternative airworthiness requirements:

Deviation(s): F-01 Issue 1 dated 18 October 2018.

See Continuation Sheet(s)

For the European Union Aviation Safety Agency

Cologne, Germany, 12 December 2019



Colin HANCOCK

Section Manager

Regional Transport Aeroplanes



The requirements for environmental protection and the associated certified noise and/ or emissions levels of the original product are unchanged and remain applicable to this certificate/ approval.

Associated Technical Documentation:

- FTI Master Document List document ref. F18-EO18-1634 Issue 4 dated 10 December 2019
- FTI AFM Supplement documents ref. F20-001-EO18-1634 Issue 4 dated 22 October 2019 and F20002-EO18-1634 Issue 3 dated 11 December 2018
- FTI Instructions for Continued Airworthiness document ref. F33-EO18-1634 Issue 5 dated 20 September 2019

or later revisions of the above listed document(s) approved/accepted under the EASA system.

Limitations/Conditions:

The Airworthiness Limitations as defined in chapter 2 of FTI ICA document ref. F33EO18-1634 are applicable to this STC installation.

- End -

