

SUPPLEMENTAL TYPE CERTIFICATE

10072822

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

AVIONIK STRAUBING ENTWICKLUNGS GmbH

FLUGPLATZSTRASSE 5
94348 ATTING
GERMANY
EASA.21J.046

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.158

Type Certificate Holder: EMBRAER S.A.

Type: Embraer EMB-505

Model: EMB-505

Description of Design Change:

ADS-B approval. Exchange of existing dual ACSS RCZ-852 for dual Garmin GTX3000 using existing Transponder antennas

EASA Certification Basis:

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

the following paragraph(s) at a later amendment:

CS-23 Amendment 4:

23.29; 251; 301; 303; 305; 307; 337; 561; 601; 603; 605; 607; 609; 611; 613; 619; 625; 771; 773; 863; 867; 1182; 1301; 1306; 1308; 1309; 1321; 1322; 1325; 1327; 1351; 1357; 1359; 1365; 1431; 1529; 1581; 1585

CS-ACNS Issue 2:

Subpart D Section 4

See Continuation Sheet(s)

For the European Union Aviation Safety Agency

Cologne, Germany, 16 March 2020



Dominique RENAUD
Section Manager
Jet Aeroplanes



The requirements for environmental protection and the associated certified noise and/ or emissions levels of the product are unchanged and remain applicable to this certificate/approval without any impact on the noise database.

Associated Technical Documentation:

Installation, Operation and Maintenance according to Avionic Straubing Master Documents List ASR-2019-073-MDL-01-00, revision 00, dated 27 February 2020.

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

Limitations/Conditions:

Limited to Embraer EMB-505 aeroplanes which are factory equipped with single/dual ACSS RCZ-852 and a Garmin G1000 or Garmin G3000 Flight Deck.

The Garmin G1000 Flight Deck must be configured with G1000 Load 83.25 or a higher version.

The Garmin G3000 Flight Deck must be configured with G3000 Load 13.25 or a higher version.

Prior to installation of this change/repair it must be determined that the interrelationship between this change/repair and any other previously installed change and/ or repair will introduce no adverse effect upon the airworthiness of the product.

- End -

